

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 10, 2004, 10:22:05 ; Search time 56.9231 Seconds
(without alignments)
625.345 Million cell updates/sec

Title: US-09-880-748-2_COPY_139_249
Perfect score: 585
Sequence: 1 AFSSSEITOPPAVSVALGQTV.....RDSGNHWFGGTEITLVG 111

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1335176 seqs, 320689617 residues

Total number of hits satisfying chosen parameters: 1661

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 84%
Maximum Match 100%
Listing first 6500 summaries

Database :

Published Applications AA.*
1: /cgn2_6/ptodata/1/pubppaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubppaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubppaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubppaa/US07_NEW_PUB.pep.*
5: /cgn2_6/ptodata/1/pubppaa/US06_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubppaa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubppaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubppaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubppaa/US09_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubppaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubppaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubppaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubppaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubppaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubppaa/US60_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubppaa/US60_NEW_PUBCOMB.pep.*
18: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	585	100.0	248	10	US-09-880-748-339 Sequence 339, App
2	585	100.0	248	10	US-09-880-748-347 Sequence 347, App
3	585	100.0	248	10	US-09-880-748-354 Sequence 354, App
4	585	100.0	248	10	US-09-880-748-597 Sequence 597, App
5	585	100.0	248	10	US-09-880-748-623 Sequence 623, App
6	585	100.0	248	10	US-10-293-418-339 Sequence 339, App
7	585	100.0	248	12	US-10-293-418-347 Sequence 347, App
8	585	100.0	248	12	US-10-293-418-354 Sequence 354, App
9	585	100.0	248	12	US-10-293-418-597 Sequence 597, App
10	585	100.0	248	12	US-10-293-418-623 Sequence 623, App
11	585	100.0	249	10	US-09-880-748-323 Sequence 323, App
12	585	100.0	249	10	US-09-880-748-324 Sequence 324, App
13	585	100.0	249	10	US-09-880-748-326 Sequence 326, App
14	585	100.0	249	10	US-09-880-748-332 Sequence 332, App
15	585	100.0	249	10	US-09-880-748-332 Sequence 332, App

16	585	100.0	249	10	US-09-880-748-333 Sequence 333, App
17	585	100.0	249	10	US-09-880-748-334 Sequence 334, App
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21	585	100.0	249	10	US-09-880-748-342 Sequence 342, App
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389	585	100.0	249	12	US-10-293-418-364	Sequence 364, App	442	585	100.0	249	12	US-10-293-418-460	Sequence 460, App
390	585	100.0	249	12	US-10-293-418-365	Sequence 365, App	443	585	100.0	249	12	US-10-293-418-461	Sequence 461, App
391	585	100.0	249	12	US-10-293-418-366	Sequence 366, App	444	585	100.0	249	12	US-10-293-418-462	Sequence 462, App
392	585	100.0	249	12	US-10-293-418-367	Sequence 367, App	445	585	100.0	249	12	US-10-293-418-463	Sequence 463, App
393	585	100.0	249	12	US-10-293-418-368	Sequence 368, App	446	585	100.0	249	12	US-10-293-418-464	Sequence 464, App
394	585	100.0	249	12	US-10-293-418-369	Sequence 369, App	447	585	100.0	249	12	US-10-293-418-465	Sequence 465, App
395	585	100.0	249	12	US-10-293-418-370	Sequence 370, App	448	585	100.0	249	12	US-10-293-418-466	Sequence 466, App
396	585	100.0	249	12	US-10-293-418-371	Sequence 371, App	449	585	100.0	249	12	US-10-293-418-467	Sequence 467, App
397	585	100.0	249	12	US-10-293-418-372	Sequence 372, App	450	585	100.0	249	12	US-10-293-418-468	Sequence 468, App
398	585	100.0	249	12	US-10-293-418-373	Sequence 373, App	451	585	100.0	249	12	US-10-293-418-469	Sequence 469, App
399	585	100.0	249	12	US-10-293-418-374	Sequence 374, App	452	585	100.0	249	12	US-10-293-418-470	Sequence 470, App
400	585	100.0	249	12	US-10-293-418-375	Sequence 375, App	453	585	100.0	249	12	US-10-293-418-471	Sequence 471, App
401	585	100.0	249	12	US-10-293-418-376	Sequence 376, App	454	585	100.0	249	12	US-10-293-418-472	Sequence 472, App
402	585	100.0	249	12	US-10-293-418-377	Sequence 377, App	455	585	100.0	249	12	US-10-293-418-473	Sequence 473, App
403	585	100.0	249	12	US-10-293-418-378	Sequence 378, App	456	585	100.0	249	12	US-10-293-418-474	Sequence 474, App
404	585	100.0	249	12	US-10-293-418-379	Sequence 379, App	457	585	100.0	249	12	US-10-293-418-475	Sequence 475, App
405	585	100.0	249	12	US-10-293-418-380	Sequence 380, App	458	585	100.0	249	12	US-10-293-418-476	Sequence 476, App
406	585	100.0	249	12	US-10-293-418-381	Sequence 381, App	459	585	100.0	249	12	US-10-293-418-477	Sequence 477, App
407	585	100.0	249	12	US-10-293-418-382	Sequence 382, App	460	585	100.0	249	12	US-10-293-418-478	Sequence

673	585	100.0	249	12	US-10-293-418-743	Sequence 743, App	746	582	99.5	249	12	US-10-293-418-759	Sequence 759, App
674	585	100.0	249	12	US-10-293-418-745	Sequence 745, App	747	581	99.3	249	10	US-09-880-748-362	Sequence 362, App
675	585	100.0	249	12	US-10-293-418-746	Sequence 746, App	748	581	99.3	249	10	US-09-880-748-393	Sequence 393, App
676	585	100.0	249	12	US-10-293-418-750	Sequence 750, App	749	581	99.3	249	10	US-09-880-748-436	Sequence 436, App
677	585	100.0	249	12	US-10-293-418-751	Sequence 751, App	750	581	99.3	249	10	US-09-880-748-473	Sequence 473, App
678	585	100.0	249	12	US-10-293-418-754	Sequence 754, App	751	581	99.3	249	10	US-09-880-748-479	Sequence 479, App
679	585	100.0	249	12	US-10-293-418-755	Sequence 755, App	752	581	99.3	249	10	US-09-880-748-503	Sequence 503, App
680	585	100.0	249	12	US-10-293-418-758	Sequence 758, App	753	581	99.3	249	10	US-09-880-748-641	Sequence 641, App
681	585	100.0	249	12	US-10-293-418-760	Sequence 760, App	754	581	99.3	249	10	US-09-880-748-686	Sequence 686, App
682	585	100.0	249	12	US-10-293-418-764	Sequence 764, App	755	581	99.3	249	10	US-09-880-748-723	Sequence 723, App
683	585	100.0	249	12	US-10-293-418-765	Sequence 765, App	756	581	99.3	249	10	US-09-880-748-734	Sequence 734, App
684	585	100.0	249	12	US-10-293-418-767	Sequence 767, App	757	581	99.3	249	10	US-09-880-748-757	Sequence 757, App
685	585	100.0	249	12	US-10-293-418-768	Sequence 768, App	758	581	99.3	249	12	US-10-293-418-362	Sequence 362, App
686	585	100.0	249	12	US-10-293-418-769	Sequence 769, App	759	581	99.3	249	12	US-10-293-418-393	Sequence 393, App
687	585	100.0	249	12	US-10-293-418-770	Sequence 770, App	760	581	99.3	249	12	US-10-293-418-436	Sequence 436, App
688	585	100.0	249	12	US-10-293-418-771	Sequence 771, App	761	581	99.3	249	12	US-10-293-418-473	Sequence 473, App
689	585	100.0	249	12	US-10-293-418-773	Sequence 773, App	762	581	99.3	249	12	US-10-293-418-479	Sequence 479, App
690	585	100.0	249	12	US-10-293-418-774	Sequence 774, App	763	581	99.3	249	12	US-10-293-418-503	Sequence 503, App
691	585	100.0	249	12	US-10-293-418-776	Sequence 776, App	764	581	99.3	249	12	US-10-293-418-641	Sequence 641, App
692	585	100.0	249	12	US-10-293-418-779	Sequence 779, App	765	581	99.3	249	12	US-10-293-418-686	Sequence 686, App
693	585	100.0	249	12	US-10-293-418-780	Sequence 780, App	766	581	99.3	249	12	US-10-293-418-723	Sequence 723, App
694	585	100.0	249	12	US-10-293-418-781	Sequence 781, App	767	581	99.3	249	12	US-10-293-418-734	Sequence 734, App
695	585	100.0	249	12	US-10-293-418-783	Sequence 783, App	768	581	99.3	249	12	US-10-293-418-757	Sequence 757, App
696	585	100.0	249	12	US-10-293-418-784	Sequence 784, App	769	580	99.1	248	10	US-09-880-748-337	Sequence 337, App
697	585	100.0	249	12	US-10-293-418-785	Sequence 785, App	770	580	99.1	249	12	US-10-293-418-337	Sequence 337, App
698	585	100.0	249	12	US-10-293-418-800	Sequence 800, App	771	580	99.1	249	10	US-09-880-748-321	Sequence 321, App
699	585	100.0	249	12	US-10-293-418-802	Sequence 802, App	772	580	99.1	249	10	US-09-880-748-327	Sequence 327, App
700	585	100.0	249	12	US-10-293-418-804	Sequence 804, App	773	580	99.1	249	10	US-09-880-748-328	Sequence 328, App
701	585	100.0	249	12	US-10-293-418-805	Sequence 805, App	774	580	99.1	249	10	US-09-880-748-331	Sequence 331, App
702	585	100.0	249	12	US-10-293-418-806	Sequence 806, App	775	580	99.1	249	10	US-09-880-748-374	Sequence 374, App
703	585	100.0	249	12	US-10-293-418-812	Sequence 812, App	776	580	99.1	249	10	US-09-880-748-380	Sequence 380, App
704	585	100.0	249	12	US-10-293-418-814	Sequence 814, App	777	580	99.1	249	10	US-09-880-748-389	Sequence 389, App
705	585	100.0	249	12	US-10-293-418-815	Sequence 815, App	778	580	99.1	249	10	US-09-880-748-407	Sequence 407, App
706	585	100.0	249	12	US-10-293-418-818	Sequence 818, App	779	580	99.1	249	10	US-09-880-748-420	Sequence 420, App
707	585	100.0	249	12	US-10-293-418-820	Sequence 820, App	780	580	99.1	249	10	US-09-880-748-425	Sequence 425, App
708	585	100.0	249	12	US-10-293-418-821	Sequence 821, App	781	580	99.1	249	10	US-09-880-748-434	Sequence 434, App
709	585	100.0	249	12	US-10-293-418-823	Sequence 823, App	782	580	99.1	249	10	US-09-880-748-438	Sequence 438, App
710	585	100.0	249	12	US-10-293-418-830	Sequence 830, App	783	580	99.1	249	10	US-09-880-748-440	Sequence 440, App
711	585	100.0	249	12	US-10-293-418-833	Sequence 833, App	784	580	99.1	249	10	US-09-880-748-441	Sequence 441, App
712	585	100.0	249	12	US-10-293-418-833	Sequence 833, App	785	580	99.1	249	10	US-09-880-748-447	Sequence 447, App
713	584	99.8	248	12	US-09-880-748-453	Sequence 453, App	786	580	99.1	249	10	US-09-880-748-451	Sequence 451, App
714	584	99.8	249	10	US-09-880-748-453	Sequence 453, App	787	580	99.1	249	10	US-09-880-748-460	Sequence 460, App
715	584	99.8	249	10	US-09-880-748-460	Sequence 460, App	788	580	99.1	249	10	US-09-880-748-492	Sequence 492, App
716	584	99.8	249	10	US-09-880-748-500	Sequence 500, App	789	580	99.1	249	10	US-09-880-748-506	Sequence 506, App
717	584	99.8	249	10	US-09-880-748-676	Sequence 676, App	790	580	99.1	249	10	US-09-880-748-531	Sequence 531, App
718	584	99.8	249	12	US-10-293-418-775	Sequence 775, App	791	580	99.1	249	10	US-09-880-748-544	Sequence 544, App
719	584	99.8	249	12	US-10-293-418-401	Sequence 401, App	792	580	99.1	249	10	US-09-880-748-563	Sequence 563, App
720	584	99.8	249	12	US-10-293-418-600	Sequence 600, App	793	580	99.1	249	10	US-09-880-748-664	Sequence 664, App
721	584	99.8	249	12	US-10-293-418-676	Sequence 676, App	794	580	99.1	249	10	US-09-880-748-665	Sequence 665, App
722	584	99.8	249	12	US-10-293-418-775	Sequence 775, App	795	580	99.1	249	10	US-09-880-748-693	Sequence 693, App
723	582	99.5	249	10	US-09-880-748-330	Sequence 330, App	796	580	99.1	249	10	US-09-880-748-707	Sequence 707, App
724	582	99.5	249	10	US-09-880-748-384	Sequence 384, App	797	580	99.1	249	10	US-09-880-748-732	Sequence 732, App
725	582	99.5	249	10	US-09-880-748-456	Sequence 456, App	798	580	99.1	249	10	US-09-880-748-749	Sequence 749, App
726	582	99.5	249	10	US-09-880-748-471	Sequence 471, App	799	580	99.1	249	10	US-09-880-748-753	Sequence 753, App
727	582	99.5	249	10	US-09-880-748-541	Sequence 541, App	800	580	99.1	249	10	US-09-880-748-756	Sequence 756, App
728	582	99.5	249	10	US-09-880-748-550	Sequence 550, App	801	580	99.1	249	10	US-09-880-748-772	Sequence 772, App
729	582	99.5	249	10	US-09-880-748-578	Sequence 578, App	802	580	99.1	249	10	US-09-880-748-782	Sequence 782, App
730	582	99.5	249	10	US-09-880-748-625	Sequence 625, App	803	580	99.1	249	10	US-09-880-748-788	Sequence 788, App
731	582	99.5	249	10	US-09-880-748-628	Sequence 628, App	804	580	99.1	249	10	US-09-880-748-792	Sequence 792, App
732	582	99.5	249	10	US-09-880-748-630	Sequence 630, App	805	580	99.1	249	10	US-09-880-748-795	Sequence 795, App
733	582	99.5	249	10	US-09-880-748-636	Sequence 636, App	806	580	99.1	249	10	US-09-880-748-798	Sequence 798, App
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736	582	99.5	249	12	US-10-293-418-384	Sequence 384, App	809	580	99.1	249	10	US-09-880-748-810	Sequence 810, App
737	582	99.5	249	12	US-10-293-418-456	Sequence 456, App	810	580	99.1	249	10	US-09-880-748-811	Sequence 811, App
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739	582	99.5	249	12	US-10-293-418-541	Sequence 541, App	812	580	99.1	249	12	US-10-293-418-825	Sequence 825, App
740	582	99.5	249	12	US-10-293-418-550	Sequence 550, App	813	580	99.1	249	12	US-10-293-418-321	Sequence 321, App
741	582	99.5	249	12	US-10-293-418-578	Sequence 578, App	814	580	99.1	249	12	US-10-293-418-327	Sequence 327, App
742	582	99.5	249	12	US-10-293-418-625	Sequence 625, App	815	580	99.1	249	12	US-10-293-418-338	Sequence 338, App
743	582	99.5	249	12	US-10-293-418-628	Sequence 628, App	816	580	99.1	249	12	US-10-293-418-331	Sequence 331, App
744	582	99.5	249	12	US-10-293-418-630	Sequence 630, App	817	580	99.1	249	12	US-10-293-418-374	Sequence 374, App
745	582	99.5	249	12	US-10-293-418-636	Sequence 636, App	818	580	99.1	249	12	US-10-293-418-378	Sequence 378, App

819	580	99.1	249	12	US-10-293-418-380	Sequence 380, App	892	578	98.8	248	12	US-10-293-418-394	Sequence 394, App
820	580	99.1	249	12	US-10-293-418-389	Sequence 389, App	893	578	98.8	249	10	US-09-880-748-571	Sequence 571, App
821	580	99.1	249	12	US-10-293-418-407	Sequence 407, App	894	578	98.8	249	10	US-09-880-748-620	Sequence 620, App
822	580	99.1	249	12	US-10-293-418-420	Sequence 420, App	895	578	98.8	249	10	US-09-880-748-634	Sequence 634, App
823	580	99.1	249	12	US-10-293-418-425	Sequence 425, App	896	578	98.8	249	10	US-09-880-748-638	Sequence 638, App
824	580	99.1	249	12	US-10-293-418-434	Sequence 433, App	897	578	98.8	249	10	US-09-880-748-639	Sequence 639, App
825	580	99.1	249	12	US-10-293-418-438	Sequence 438, App	898	578	98.8	249	10	US-09-880-748-645	Sequence 645, App
826	580	99.1	249	12	US-10-293-418-440	Sequence 440, App	899	578	98.8	249	10	US-09-880-748-646	Sequence 646, App
827	580	99.1	249	12	US-10-293-418-441	Sequence 441, App	900	578	98.8	249	10	US-09-880-748-656	Sequence 656, App
828	580	99.1	249	12	US-10-293-418-447	Sequence 447, App	901	578	98.8	249	10	US-09-880-748-680	Sequence 680, App
829	580	99.1	249	12	US-10-293-418-451	Sequence 451, App	902	578	98.8	249	10	US-09-880-748-719	Sequence 719, App
830	580	99.1	249	12	US-10-293-418-450	Sequence 460, App	903	578	98.8	249	10	US-09-880-748-762	Sequence 762, App
831	580	99.1	249	12	US-10-293-418-452	Sequence 492, App	904	578	98.8	249	10	US-09-880-748-763	Sequence 763, App
832	580	99.1	249	12	US-10-293-418-506	Sequence 506, App	905	578	98.8	249	10	US-09-880-748-789	Sequence 789, App
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835	580	99.1	249	12	US-10-293-418-553	Sequence 553, App	908	578	98.8	249	12	US-10-293-418-634	Sequence 634, App
836	580	99.1	249	12	US-10-293-418-654	Sequence 664, App	909	578	98.8	249	12	US-10-293-418-638	Sequence 638, App
837	580	99.1	249	12	US-10-293-418-665	Sequence 665, App	910	578	98.8	249	12	US-10-293-418-639	Sequence 639, App
838	580	99.1	249	12	US-10-293-418-693	Sequence 693, App	911	578	98.8	249	12	US-10-293-418-645	Sequence 645, App
839	580	99.1	249	12	US-10-293-418-707	Sequence 707, App	912	578	98.8	249	12	US-10-293-418-646	Sequence 646, App
840	580	99.1	249	12	US-10-293-418-732	Sequence 732, App	913	578	98.8	249	12	US-10-293-418-656	Sequence 656, App
841	580	99.1	249	12	US-10-293-418-749	Sequence 749, App	914	578	98.8	249	12	US-10-293-418-680	Sequence 680, App
842	580	99.1	249	12	US-10-293-418-753	Sequence 753, App	915	578	98.8	249	12	US-10-293-418-719	Sequence 719, App
843	580	99.1	249	12	US-10-293-418-756	Sequence 756, App	916	578	98.8	249	12	US-10-293-418-762	Sequence 762, App
844	580	99.1	249	12	US-10-293-418-772	Sequence 772, App	917	578	98.8	249	12	US-10-293-418-763	Sequence 763, App
845	580	99.1	249	12	US-10-293-418-782	Sequence 782, App	918	578	98.8	249	12	US-10-293-418-789	Sequence 789, App
846	580	99.1	249	12	US-10-293-418-788	Sequence 788, App	919	577	98.6	248	10	US-09-880-748-643	Sequence 643, App
847	580	99.1	249	12	US-10-293-418-792	Sequence 792, App	920	577	98.6	248	12	US-10-893-418-329	Sequence 329, App
848	580	99.1	249	12	US-10-293-418-795	Sequence 795, App	921	577	98.6	249	10	US-09-880-748-329	Sequence 329, App
849	580	99.1	249	12	US-10-293-418-798	Sequence 798, App	922	577	98.6	249	10	US-09-880-748-341	Sequence 341, App
850	580	99.1	249	12	US-10-293-418-799	Sequence 799, App	923	577	98.6	249	10	US-09-880-748-366	Sequence 366, App
851	580	99.1	249	12	US-10-293-418-808	Sequence 808, App	924	577	98.6	249	10	US-09-880-748-524	Sequence 524, App
852	580	99.1	249	12	US-10-293-418-810	Sequence 810, App	925	577	98.6	249	10	US-09-880-748-524	Sequence 524, App
853	580	99.1	249	12	US-10-293-418-811	Sequence 811, App	926	577	98.6	249	10	US-09-880-748-626	Sequence 626, App
854	580	99.1	249	12	US-10-293-418-825	Sequence 825, App	927	577	98.6	249	10	US-09-880-748-683	Sequence 683, App
855	579	99.0	249	10	US-09-880-748-322	Sequence 322, App	928	577	98.6	249	10	US-09-880-748-738	Sequence 738, App
856	579	99.0	249	10	US-09-880-748-325	Sequence 325, App	929	577	98.6	249	10	US-09-880-748-796	Sequence 796, App
857	579	99.0	249	10	US-09-880-748-351	Sequence 351, App	930	577	98.6	249	10	US-09-880-748-824	Sequence 824, App
858	579	99.0	249	10	US-09-880-748-423	Sequence 423, App	931	577	98.6	249	12	US-10-293-418-329	Sequence 329, App
859	579	99.0	249	10	US-09-880-748-493	Sequence 493, App	932	577	98.6	249	12	US-10-293-418-341	Sequence 341, App
860	579	99.0	249	10	US-09-880-748-616	Sequence 616, App	933	577	98.6	249	12	US-10-293-418-366	Sequence 366, App
861	579	99.0	249	10	US-09-880-748-618	Sequence 618, App	934	577	98.6	249	12	US-10-293-418-524	Sequence 524, App
862	579	99.0	249	10	US-09-880-748-640	Sequence 640, App	935	577	98.6	249	12	US-10-293-418-562	Sequence 562, App
863	579	99.0	249	10	US-09-880-748-677	Sequence 677, App	936	577	98.6	249	12	US-10-293-418-626	Sequence 626, App
864	579	99.0	249	10	US-09-880-748-685	Sequence 685, App	937	577	98.6	249	12	US-10-293-418-683	Sequence 683, App
865	579	99.0	249	10	US-09-880-748-695	Sequence 695, App	938	577	98.6	249	12	US-10-293-418-738	Sequence 738, App
866	579	99.0	249	10	US-09-880-748-697	Sequence 697, App	939	577	98.6	249	12	US-10-293-418-796	Sequence 796, App
867	579	99.0	249	10	US-09-880-748-700	Sequence 700, App	940	577	98.6	249	12	US-10-293-418-824	Sequence 824, App
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871	579	99.0	249	10	US-09-880-748-829	Sequence 829, App	944	576	98.5	249	10	US-09-880-748-744	Sequence 744, App
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881	579	99.0	249	12	US-10-293-418-677	Sequence 677, App	954	575	98.3	247	12	US-10-293-418-720	Sequence 720, App
882	579	99.0	249	12	US-10-293-418-685	Sequence 685, App	955	575	98.3	249	10	US-09-880-748-480	Sequence 480, App
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Job time : 63.4231 secs

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OM protein - protein search, using sw model

Run on: September 10, 2004, 10:07:03 ; Search time 64.5128 Seconds
(without alignments)
486.148 Million cell updates/sec

Title: US-09-880-748-2_COPY_139_249
Perfect score: 585
Sequence: 1 AFSSELTQPAVSVAGQTV.....RDSSGNHWFGGTELTVLG 111

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1586107 seqs, 282547505 residues
Total number of hits satisfying chosen parameters: 903

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 84%
Maximum Match 100%
Listing first 65000 summaries

Database : A_Geneseq_29Jan04:*
1: geneseqp1980s:*
2: geneseqp1990s:*
3: geneseqp2000s:*
4: geneseqp2001s:*
5: geneseqp2002s:*
6: geneseqp2003as:*
7: geneseqp2003bs:*
8: geneseqp2004s:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	585	100.0	248 5 ABP44586	Abp44586 Human Bly
3	585	100.0	248 5 ABP44343	Abp44343 Human Bly
4	585	100.0	248 5 ABP44328	Abp44328 Human Bly
5	585	100.0	248 5 ABP44612	Abp44612 Human Bly
6	585	100.0	249 5 ABP44344	Abp44344 Human Bly
7	585	100.0	249 5 ABP44348	Abp44348 Human Bly
8	585	100.0	249 5 ABP44350	Abp44350 Human Bly
9	585	100.0	249 5 ABP44432	Abp44432 Human Bly
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11	585	100.0	249 5 ABP44477	Abp44477 Human Bly
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40	585	100.0	249 5 ABP44662	Abp44662 Human Bly
41	585	100.0	249 5 ABP44685	Abp44685 Human Bly
42	585	100.0	249 5 ABP44722	Abp44722 Human Bly
43	585	100.0	249 5 ABP44770	Abp44770 Human Bly
44	585	100.0	249 5 ABP44794	Abp44794 Human Bly
45	585	100.0	249 5 ABP44810	Abp44810 Human Bly
46	585	100.0	249 5 ABP44376	Abp44376 Human Bly
47	585	100.0	249 5 ABP44389	Abp44389 Human Bly
48	585	100.0	249 5 ABP44393	Abp44393 Human Bly
49	585	100.0	249 5 ABP44397	Abp44397 Human Bly
50	585	100.0	249 5 ABP44411	Abp44411 Human Bly
51	585	100.0	249 5 ABP44448	Abp44448 Human Bly
52	585	100.0	249 5 ABP44457	Abp44457 Human Bly
53	585	100.0	249 5 ABP44463	Abp44463 Human Bly
54	585	100.0	249 5 ABP44488	Abp44488 Human Bly
55	585	100.0	249 5 ABP44505	Abp44505 Human Bly
56	585	100.0	249 5 ABP44561	Abp44561 Human Bly
57	585	100.0	249 5 ABP44596	Abp44596 Human Bly
58	585	100.0	249 5 ABP44603	Abp44603 Human Bly
59	585	100.0	249 5 ABP44636	Abp44636 Human Bly
60	585	100.0	249 5 ABP44647	Abp44647 Human Bly
61	585	100.0	249 5 ABP44705	Abp44705 Human Bly
62	585	100.0	249 5 ABP44724	Abp44724 Human Bly
63	585	100.0	249 5 ABP44740	Abp44740 Human Bly
64	585	100.0	249 5 ABP44743	Abp44743 Human Bly
65	585	100.0	249 5 ABP44753	Abp44753 Human Bly
66	585	100.0	249 5 ABP44765	Abp44765 Human Bly
67	585	100.0	249 5 ABP44346	Abp44346 Human Bly
68	585	100.0	249 5 ABP44388	Abp44388 Human Bly
69	585	100.0	249 5 ABP44398	Abp44398 Human Bly
70	585	100.0	249 5 ABP44422	Abp44422 Human Bly
71	585	100.0	249 5 ABP44426	Abp44426 Human Bly
72	585	100.0	249 5 ABP44434	Abp44434 Human Bly
73	585	100.0	249 5 ABP44450	Abp44450 Human Bly
74	585	100.0	249 5 ABP44458	Abp44458 Human Bly
75	585	100.0	249 5 ABP44461	Abp44461 Human Bly
76	585	100.0	249 5 ABP44470	Abp44470 Human Bly
77	585	100.0	249 5 ABP44486	Abp44486 Human Bly
78	585	100.0	249 5 ABP44491	Abp44491 Human Bly
79	585	100.0	249 5 ABP44504	Abp44504 Human Bly
80	585	100.0	249 5 ABP44545	Abp44545 Human Bly
81	585	100.0	249 5 ABP44559	Abp44559 Human Bly
82	585	100.0	249 5 ABP44581	Abp44581 Human Bly
83	585	100.0	249 5 ABP44587	Abp44587 Human Bly
84	585	100.0	249 5 ABP44599	Abp44599 Human Bly
85	585	100.0	249 5 ABP44611	Abp44611 Human Bly
86	585	100.0	249 5 ABP44642	Abp44642 Human Bly
87	585	100.0	249 5 ABP44650	Abp44650 Human Bly
88	585	100.0	249 5 ABP44658	Abp44658 Human Bly
89	585	100.0	249 5 ABP44729	Abp44729 Human Bly
90	585	100.0	249 5 ABP44735	Abp44735 Human Bly
91	585	100.0	249 5 ABP44819	Abp44819 Human Bly
92	585	100.0	249 5 ABP44322	Abp44322 Human Bly
93	585	100.0	249 5 ABP44347	Abp44347 Human Bly
94	585	100.0	249 5 ABP44364	Abp44364 Human Bly
95	585	100.0	249 5 ABP44377	Abp44377 Human Bly
96	585	100.0	249 5 ABP44403	Abp44403 Human Bly
97	585	100.0	249 5 ABP44407	Abp44407 Human Bly
98	585	100.0	249 5 ABP44419	Abp44419 Human Bly

99	585	100.0	249	5	ABP44447	Abp44447 Human Buy	172	585	100.0	249	5	ABP44572	Abp44572 Human Buy
100	585	100.0	249	5	ABP44474	Abp44474 Human Buy	173	585	100.0	249	5	ABP44578	Abp44578 Human Buy
101	585	100.0	249	5	ABP44479	Abp44479 Human Buy	174	585	100.0	249	5	ABP44592	Abp44592 Human Buy
102	585	100.0	249	5	ABP44484	Abp44484 Human Buy	175	585	100.0	249	5	ABP44620	Abp44620 Human Buy
103	585	100.0	249	5	ABP44502	Abp44502 Human Buy	176	585	100.0	249	5	ABP44663	Abp44663 Human Buy
104	585	100.0	249	5	ABP44507	Abp44507 Human Buy	177	585	100.0	249	5	ABP44680	Abp44680 Human Buy
105	585	100.0	249	5	ABP44511	Abp44511 Human Buy	178	585	100.0	249	5	ABP44725	Abp44725 Human Buy
106	585	100.0	249	5	ABP44514	Abp44514 Human Buy	179	585	100.0	249	5	ABP44730	Abp44730 Human Buy
107	585	100.0	249	5	ABP44531	Abp44531 Human Buy	180	585	100.0	249	5	ABP44739	Abp44739 Human Buy
108	585	100.0	249	5	ABP44540	Abp44540 Human Buy	181	585	100.0	249	5	ABP44772	Abp44772 Human Buy
109	585	100.0	249	5	ABP44549	Abp44549 Human Buy	182	585	100.0	249	5	ABP44773	Abp44773 Human Buy
110	585	100.0	249	5	ABP44571	Abp44571 Human Buy	183	585	100.0	249	5	ABP44368	Abp44368 Human Buy
111	585	100.0	249	5	ABP44585	Abp44585 Human Buy	184	585	100.0	249	5	ABP44370	Abp44370 Human Buy
112	585	100.0	249	5	ABP44606	Abp44606 Human Buy	185	585	100.0	249	5	ABP44404	Abp44404 Human Buy
113	585	100.0	249	5	ABP44631	Abp44631 Human Buy	186	585	100.0	249	5	ABP44406	Abp44406 Human Buy
114	585	100.0	249	5	ABP44633	Abp44633 Human Buy	187	585	100.0	249	5	ABP44428	Abp44428 Human Buy
115	585	100.0	249	5	ABP44706	Abp44706 Human Buy	188	585	100.0	249	5	ABP44441	Abp44441 Human Buy
116	585	100.0	249	5	ABP44716	Abp44716 Human Buy	189	585	100.0	249	5	ABP44464	Abp44464 Human Buy
117	585	100.0	249	5	ABP44763	Abp44763 Human Buy	190	585	100.0	249	5	ABP44519	Abp44519 Human Buy
118	585	100.0	249	5	ABP44789	Abp44789 Human Buy	191	585	100.0	249	5	ABP44522	Abp44522 Human Buy
119	585	100.0	249	5	ABP44809	Abp44809 Human Buy	192	585	100.0	249	5	ABP44547	Abp44547 Human Buy
120	585	100.0	249	5	ABP44817	Abp44817 Human Buy	193	585	100.0	249	5	ABP44558	Abp44558 Human Buy
121	585	100.0	249	5	ABP44835	Abp44835 Human Buy	194	585	100.0	249	5	ABP44564	Abp44564 Human Buy
122	585	100.0	249	5	ABP44345	Abp44345 Human Buy	195	585	100.0	249	5	ABP44573	Abp44573 Human Buy
123	585	100.0	249	5	ABP44380	Abp44380 Human Buy	196	585	100.0	249	5	ABP44597	Abp44597 Human Buy
124	585	100.0	249	5	ABP44381	Abp44381 Human Buy	197	585	100.0	249	5	ABP44598	Abp44598 Human Buy
125	585	100.0	249	5	ABP44385	Abp44385 Human Buy	198	585	100.0	249	5	ABP44610	Abp44610 Human Buy
126	585	100.0	249	5	ABP44400	Abp44400 Human Buy	199	585	100.0	249	5	ABP44655	Abp44655 Human Buy
127	585	100.0	249	5	ABP44439	Abp44439 Human Buy	200	585	100.0	249	5	ABP44700	Abp44700 Human Buy
128	585	100.0	249	5	ABP44453	Abp44453 Human Buy	201	585	100.0	249	5	ABP44715	Abp44715 Human Buy
129	585	100.0	249	5	ABP44465	Abp44465 Human Buy	202	585	100.0	249	5	ABP44717	Abp44717 Human Buy
130	585	100.0	249	5	ABP44475	Abp44475 Human Buy	203	585	100.0	249	5	ABP44768	Abp44768 Human Buy
131	585	100.0	249	5	ABP44485	Abp44485 Human Buy	204	585	100.0	249	5	ABP44795	Abp44795 Human Buy
132	585	100.0	249	5	ABP44524	Abp44524 Human Buy	205	585	100.0	249	5	ABP44836	Abp44836 Human Buy
133	585	100.0	249	5	ABP44600	Abp44600 Human Buy	206	585	100.0	249	5	ABP44358	Abp44358 Human Buy
134	585	100.0	249	5	ABP44618	Abp44618 Human Buy	207	585	100.0	249	5	ABP44361	Abp44361 Human Buy
135	585	100.0	249	5	ABP44646	Abp44646 Human Buy	208	585	100.0	249	5	ABP44416	Abp44416 Human Buy
136	585	100.0	249	5	ABP44661	Abp44661 Human Buy	209	585	100.0	249	5	ABP44443	Abp44443 Human Buy
137	585	100.0	249	5	ABP44671	Abp44671 Human Buy	210	585	100.0	249	5	ABP44446	Abp44446 Human Buy
138	585	100.0	249	5	ABP44691	Abp44691 Human Buy	211	585	100.0	249	5	ABP44476	Abp44476 Human Buy
139	585	100.0	249	5	ABP44702	Abp44702 Human Buy	212	585	100.0	249	5	ABP44494	Abp44494 Human Buy
140	585	100.0	249	5	ABP44759	Abp44759 Human Buy	213	585	100.0	249	5	ABP44512	Abp44512 Human Buy
141	585	100.0	249	5	ABP44801	Abp44801 Human Buy	214	585	100.0	249	5	ABP44517	Abp44517 Human Buy
142	585	100.0	249	5	ABP44417	Abp44417 Human Buy	215	585	100.0	249	5	ABP44537	Abp44537 Human Buy
143	585	100.0	249	5	ABP44433	Abp44433 Human Buy	216	585	100.0	249	5	ABP44579	Abp44579 Human Buy
144	585	100.0	249	5	ABP44467	Abp44467 Human Buy	217	585	100.0	249	5	ABP44632	Abp44632 Human Buy
145	585	100.0	249	5	ABP44478	Abp44478 Human Buy	218	585	100.0	249	5	ABP44624	Abp44624 Human Buy
146	585	100.0	249	5	ABP44500	Abp44500 Human Buy	219	585	100.0	249	5	ABP44754	Abp44754 Human Buy
147	585	100.0	249	5	ABP44534	Abp44534 Human Buy	220	585	100.0	249	5	ABP44774	Abp44774 Human Buy
148	585	100.0	249	5	ABP44538	Abp44538 Human Buy	221	585	100.0	249	5	ABP44360	Abp44360 Human Buy
149	585	100.0	249	5	ABP44541	Abp44541 Human Buy	222	585	100.0	249	5	ABP44375	Abp44375 Human Buy
150	585	100.0	249	5	ABP44546	Abp44546 Human Buy	223	585	100.0	249	5	ABP44384	Abp44384 Human Buy
151	585	100.0	249	5	ABP44554	Abp44554 Human Buy	224	585	100.0	249	5	ABP44391	Abp44391 Human Buy
152	585	100.0	249	5	ABP44556	Abp44556 Human Buy	225	585	100.0	249	5	ABP44399	Abp44399 Human Buy
153	585	100.0	249	5	ABP44566	Abp44566 Human Buy	226	585	100.0	249	5	ABP44405	Abp44405 Human Buy
154	585	100.0	249	5	ABP44616	Abp44616 Human Buy	227	585	100.0	249	5	ABP44415	Abp44415 Human Buy
155	585	100.0	249	5	ABP44637	Abp44637 Human Buy	228	585	100.0	249	5	ABP44480	Abp44480 Human Buy
156	585	100.0	249	5	ABP44638	Abp44638 Human Buy	229	585	100.0	249	5	ABP44489	Abp44489 Human Buy
157	585	100.0	249	5	ABP44639	Abp44639 Human Buy	230	585	100.0	249	5	ABP44518	Abp44518 Human Buy
158	585	100.0	249	5	ABP44677	Abp44677 Human Buy	231	585	100.0	249	5	ABP44543	Abp44543 Human Buy
159	585	100.0	249	5	ABP44749	Abp44749 Human Buy	232	585	100.0	249	5	ABP44568	Abp44568 Human Buy
160	585	100.0	249	5	ABP44312	Abp44312 Human Buy	233	585	100.0	249	5	ABP44574	Abp44574 Human Buy
161	585	100.0	249	5	ABP44332	Abp44332 Human Buy	234	585	100.0	249	5	ABP44580	Abp44580 Human Buy
162	585	100.0	249	5	ABP44341	Abp44341 Human Buy	235	585	100.0	249	5	ABP44583	Abp44583 Human Buy
163	585	100.0	249	5	ABP44408	Abp44408 Human Buy	236	585	100.0	249	5	ABP44581	Abp44581 Human Buy
164	585	100.0	249	5	ABP44454	Abp44454 Human Buy	237	585	100.0	249	5	ABP44593	Abp44593 Human Buy
165	585	100.0	249	5	ABP44455	Abp44455 Human Buy	238	585	100.0	249	5	ABP44648	Abp44648 Human Buy
166	585	100.0	249	5	ABP44483	Abp44483 Human Buy	239	585	100.0	249	5	ABP44657	Abp44657 Human Buy
167	585	100.0	249	5	ABP44515	Abp44515 Human Buy	240	585	100.0	249	5	ABP44670	Abp44670 Human Buy
168	585	100.0	249	5	ABP44525	Abp44525 Human Buy	241	585	100.0	249	5	ABP44683	Abp44683 Human Buy
169	585	100.0	249	5	ABP44527	Abp44527 Human Buy	242	585	100.0	249	5	ABP44687	Abp44687 Human Buy
170	585	100.0	249	5	ABP44542	Abp44542 Human Buy	243	585	100.0	249	5	ABP44695	Abp44695 Human Buy
171	585	100.0	249	5	ABP44569	Abp44569 Human Buy	244	585	100.0	249	5	ABP44698	Abp44698 Human Buy

245	585	100.0	249	5	ABP44711	Abp44711 Human Bly	318	585	100.0	249	5	ABP44366	Abp44366 Human Bly
246	585	100.0	249	5	ABP44744	Abp44744 Human Bly	319	585	100.0	249	5	ABP44379	Abp44379 Human Bly
247	585	100.0	249	5	ABP44769	Abp44769 Human Bly	320	585	100.0	249	5	ABP44392	Abp44392 Human Bly
248	585	100.0	249	5	ABP44793	Abp44793 Human Bly	321	585	100.0	249	5	ABP44395	Abp44395 Human Bly
249	585	100.0	249	5	ABP44313	Abp44313 Human Bly	322	585	100.0	249	5	ABP44424	Abp44424 Human Bly
250	585	100.0	249	5	ABP44323	Abp44323 Human Bly	323	585	100.0	249	5	ABP44523	Abp44523 Human Bly
251	585	100.0	249	5	ABP44331	Abp44331 Human Bly	324	585	100.0	249	5	ABP44563	Abp44563 Human Bly
252	585	100.0	249	5	ABP44402	Abp44402 Human Bly	325	585	100.0	249	5	ABP44590	Abp44590 Human Bly
253	585	100.0	249	5	ABP44421	Abp44421 Human Bly	326	585	100.0	249	5	ABP44594	Abp44594 Human Bly
254	585	100.0	249	5	ABP44431	Abp44431 Human Bly	327	585	100.0	249	5	ABP44640	Abp44640 Human Bly
255	585	100.0	249	5	ABP44444	Abp44444 Human Bly	328	585	100.0	249	5	ABP44641	Abp44641 Human Bly
256	585	100.0	249	5	ABP44456	Abp44456 Human Bly	329	585	100.0	249	5	ABP44656	Abp44656 Human Bly
257	585	100.0	249	5	ABP44498	Abp44498 Human Bly	330	585	100.0	249	5	ABP44659	Abp44659 Human Bly
258	585	100.0	249	5	ABP44544	Abp44544 Human Bly	331	585	100.0	249	5	ABP44757	Abp44757 Human Bly
259	585	100.0	249	5	ABP44602	Abp44602 Human Bly	332	585	100.0	249	5	ABP44315	Abp44315 Human Bly
260	585	100.0	249	5	ABP44608	Abp44608 Human Bly	333	585	100.0	249	5	ABP44325	Abp44325 Human Bly
261	585	100.0	249	5	ABP44626	Abp44626 Human Bly	334	585	100.0	249	5	ABP44337	Abp44337 Human Bly
262	585	100.0	249	5	ABP44649	Abp44649 Human Bly	335	585	100.0	249	5	ABP44357	Abp44357 Human Bly
263	585	100.0	249	5	ABP44651	Abp44651 Human Bly	336	585	100.0	249	5	ABP44359	Abp44359 Human Bly
264	585	100.0	249	5	ABP44679	Abp44679 Human Bly	337	585	100.0	249	5	ABP44371	Abp44371 Human Bly
265	585	100.0	249	5	ABP44690	Abp44690 Human Bly	338	585	100.0	249	5	ABP44372	Abp44372 Human Bly
266	585	100.0	249	5	ABP44699	Abp44699 Human Bly	339	585	100.0	249	5	ABP44413	Abp44413 Human Bly
267	585	100.0	249	5	ABP44718	Abp44718 Human Bly	340	585	100.0	249	5	ABP44459	Abp44459 Human Bly
268	585	100.0	249	5	ABP44812	Abp44812 Human Bly	341	585	100.0	249	5	ABP44510	Abp44510 Human Bly
269	585	100.0	249	5	ABP44353	Abp44353 Human Bly	342	585	100.0	249	5	ABP44577	Abp44577 Human Bly
270	585	100.0	249	5	ABP44362	Abp44362 Human Bly	343	585	100.0	249	5	ABP44582	Abp44582 Human Bly
271	585	100.0	249	5	ABP44365	Abp44365 Human Bly	344	585	100.0	249	5	ABP44588	Abp44588 Human Bly
272	585	100.0	249	5	ABP44394	Abp44394 Human Bly	345	585	100.0	249	5	ABP44643	Abp44643 Human Bly
273	585	100.0	249	5	ABP44410	Abp44410 Human Bly	346	585	100.0	249	5	ABP44673	Abp44673 Human Bly
274	585	100.0	249	5	ABP44435	Abp44435 Human Bly	347	585	100.0	249	5	ABP44676	Abp44676 Human Bly
275	585	100.0	249	5	ABP44466	Abp44466 Human Bly	348	585	100.0	249	5	ABP44703	Abp44703 Human Bly
276	585	100.0	249	5	ABP44471	Abp44471 Human Bly	349	585	100.0	249	5	ABP44713	Abp44713 Human Bly
277	585	100.0	249	5	ABP44499	Abp44499 Human Bly	350	585	100.0	249	5	ABP44714	Abp44714 Human Bly
278	585	100.0	249	5	ABP44532	Abp44532 Human Bly	351	585	100.0	249	5	ABP44726	Abp44726 Human Bly
279	585	100.0	249	5	ABP44536	Abp44536 Human Bly	352	585	100.0	249	5	ABP44728	Abp44728 Human Bly
280	585	100.0	249	5	ABP44555	Abp44555 Human Bly	353	585	100.0	249	5	ABP44791	Abp44791 Human Bly
281	585	100.0	249	5	ABP44557	Abp44557 Human Bly	354	585	100.0	249	5	ABP44803	Abp44803 Human Bly
282	585	100.0	249	5	ABP44562	Abp44562 Human Bly	355	585	100.0	249	5	ABP44807	Abp44807 Human Bly
283	585	100.0	249	5	ABP44565	Abp44565 Human Bly	356	584	99.8	248	5	ABP44442	Abp44442 Human Bly
284	585	100.0	249	5	ABP44681	Abp44681 Human Bly	357	584	99.8	249	5	ABP44665	Abp44665 Human Bly
285	585	100.0	249	5	ABP44704	Abp44704 Human Bly	358	584	99.8	249	5	ABP44589	Abp44589 Human Bly
286	585	100.0	249	5	ABP44822	Abp44822 Human Bly	359	584	99.8	249	5	ABP44764	Abp44764 Human Bly
287	585	100.0	249	5	ABP44324	Abp44324 Human Bly	360	584	99.8	249	5	ABP44390	Abp44390 Human Bly
288	585	100.0	249	5	ABP44339	Abp44339 Human Bly	361	582	99.5	249	5	ABP44619	Abp44619 Human Bly
289	585	100.0	249	5	ABP44352	Abp44352 Human Bly	362	582	99.5	249	5	ABP44319	Abp44319 Human Bly
290	585	100.0	249	5	ABP44354	Abp44354 Human Bly	363	582	99.5	249	5	ABP44539	Abp44539 Human Bly
291	585	100.0	249	5	ABP44420	Abp44420 Human Bly	364	582	99.5	249	5	ABP44625	Abp44625 Human Bly
292	585	100.0	249	5	ABP44437	Abp44437 Human Bly	365	582	99.5	249	5	ABP44445	Abp44445 Human Bly
293	585	100.0	249	5	ABP44438	Abp44438 Human Bly	366	582	99.5	249	5	ABP44614	Abp44614 Human Bly
294	585	100.0	249	5	ABP44472	Abp44472 Human Bly	367	582	99.5	249	5	ABP44748	Abp44748 Human Bly
295	585	100.0	249	5	ABP44490	Abp44490 Human Bly	368	582	99.5	249	5	ABP44567	Abp44567 Human Bly
296	585	100.0	249	5	ABP44496	Abp44496 Human Bly	369	582	99.5	249	5	ABP44530	Abp44530 Human Bly
297	585	100.0	249	5	ABP44503	Abp44503 Human Bly	370	582	99.5	249	5	ABP44460	Abp44460 Human Bly
298	585	100.0	249	5	ABP44508	Abp44508 Human Bly	371	582	99.5	249	5	ABP44617	Abp44617 Human Bly
299	585	100.0	249	5	ABP44516	Abp44516 Human Bly	372	582	99.5	249	5	ABP44373	Abp44373 Human Bly
300	585	100.0	249	5	ABP44535	Abp44535 Human Bly	373	581	99.3	249	5	ABP44462	Abp44462 Human Bly
301	585	100.0	249	5	ABP44550	Abp44550 Human Bly	374	581	99.3	249	5	ABP44468	Abp44468 Human Bly
302	585	100.0	249	5	ABP44570	Abp44570 Human Bly	375	581	99.3	249	5	ABP44473	Abp44473 Human Bly
303	585	100.0	249	5	ABP44575	Abp44575 Human Bly	376	581	99.3	249	5	ABP44492	Abp44492 Human Bly
304	585	100.0	249	5	ABP44576	Abp44576 Human Bly	377	581	99.3	249	5	ABP44630	Abp44630 Human Bly
305	585	100.0	249	5	ABP44595	Abp44595 Human Bly	378	581	99.3	249	5	ABP44675	Abp44675 Human Bly
306	585	100.0	249	5	ABP44604	Abp44604 Human Bly	379	581	99.3	249	5	ABP44712	Abp44712 Human Bly
307	585	100.0	249	5	ABP44668	Abp44668 Human Bly	380	581	99.3	249	5	ABP44382	Abp44382 Human Bly
308	585	100.0	249	5	ABP44688	Abp44688 Human Bly	381	581	99.3	249	5	ABP44351	Abp44351 Human Bly
309	585	100.0	249	5	ABP44707	Abp44707 Human Bly	382	581	99.3	249	5	ABP44425	Abp44425 Human Bly
310	585	100.0	249	5	ABP44719	Abp44719 Human Bly	383	581	99.3	249	5	ABP44746	Abp44746 Human Bly
311	585	100.0	249	5	ABP44731	Abp44731 Human Bly	384	580	99.1	248	5	ABP44326	Abp44326 Human Bly
312	585	100.0	249	5	ABP44734	Abp44734 Human Bly	385	580	99.1	249	5	ABP44378	Abp44378 Human Bly
313	585	100.0	249	5	ABP44758	Abp44758 Human Bly	386	580	99.1	249	5	ABP44396	Abp44396 Human Bly
314	585	100.0	249	5	ABP44762	Abp44762 Human Bly	387	580	99.1	249	5	ABP44495	Abp44495 Human Bly
315	585	100.0	249	5	ABP44804	Abp44804 Human Bly	388	580	99.1	249	5	ABP44745	Abp44745 Human Bly
316	585	100.0	249	5	ABP44334	Abp44334 Human Bly	389	580	99.1	249	5	ABP44317	Abp44317 Human Bly
317	585	100.0	249	5	ABP44338	Abp44338 Human Bly	390	580	99.1	249	5	ABP44721	Abp44721 Human Bly

391	580	99.1	249	5	ABP44552	ABP44552 Human Bly	464	577	98.6	249	5	ABP44615	ABP44615 Human Bly
392	580	99.1	249	5	ABP44761	ABP44761 Human Bly	465	577	98.6	249	5	ABP44551	ABP44551 Human Bly
393	580	99.1	249	5	ABP44800	ABP44800 Human Bly	466	577	98.6	249	5	ABP44727	ABP44727 Human Bly
394	580	99.1	249	5	ABP44799	ABP44799 Human Bly	467	577	98.6	249	5	ABP44672	ABP44672 Human Bly
395	580	99.1	249	5	ABP44367	ABP44367 Human Bly	468	577	98.6	249	5	ABP44518	ABP44518 Human Bly
396	580	99.1	249	5	ABP44449	ABP44449 Human Bly	469	577	98.6	249	5	ABP44785	ABP44785 Human Bly
397	580	99.1	249	5	ABP44682	ABP44682 Human Bly	470	576	98.5	249	5	ABP44418	ABP44418 Human Bly
398	580	99.1	249	5	ABP44784	ABP44784 Human Bly	471	576	98.5	249	5	ABP44790	ABP44790 Human Bly
399	580	99.1	249	5	ABP44429	ABP44429 Human Bly	472	576	98.5	249	5	ABP44584	ABP44584 Human Bly
400	580	99.1	249	5	ABP44430	ABP44430 Human Bly	473	576	98.5	249	5	ABP44792	ABP44792 Human Bly
401	580	99.1	249	5	ABP44530	ABP44530 Human Bly	474	576	98.5	249	5	ABP44342	ABP44342 Human Bly
402	580	99.1	249	5	ABP44533	ABP44533 Human Bly	475	576	98.5	249	5	ABP44733	ABP44733 Human Bly
403	580	99.1	249	5	ABP44696	ABP44696 Human Bly	476	575	98.3	249	5	ABP44709	ABP44709 Human Bly
404	580	99.1	249	5	ABP44728	ABP44728 Human Bly	477	575	98.3	249	5	ABP44805	ABP44805 Human Bly
405	580	99.1	249	5	ABP44423	ABP44423 Human Bly	478	575	98.3	249	5	ABP44750	ABP44750 Human Bly
406	580	99.1	249	5	ABP44654	ABP44654 Human Bly	479	575	98.3	249	5	ABP44737	ABP44737 Human Bly
407	580	99.1	249	5	ABP44310	ABP44310 Human Bly	480	575	98.3	249	5	ABP44808	ABP44808 Human Bly
408	580	99.1	249	5	ABP44320	ABP44320 Human Bly	481	575	98.3	249	5	ABP44678	ABP44678 Human Bly
409	580	99.1	249	5	ABP44437	ABP44437 Human Bly	482	575	98.3	249	5	ABP44782	ABP44782 Human Bly
410	580	99.1	249	5	ABP44363	ABP44363 Human Bly	483	575	98.3	249	5	ABP44802	ABP44802 Human Bly
411	580	99.1	249	5	ABP44414	ABP44414 Human Bly	484	575	98.3	249	5	ABP44806	ABP44806 Human Bly
412	580	99.1	249	5	ABP44440	ABP44440 Human Bly	485	575	98.3	249	5	ABP44720	ABP44720 Human Bly
413	580	99.1	249	5	ABP44742	ABP44742 Human Bly	486	575	98.3	249	5	ABP44811	ABP44811 Human Bly
414	580	99.1	249	5	ABP44771	ABP44771 Human Bly	487	575	98.3	249	5	ABP44469	ABP44469 Human Bly
415	580	99.1	249	5	ABP44369	ABP44369 Human Bly	488	574	98.1	249	5	ABP44521	ABP44521 Human Bly
416	580	99.1	249	5	ABP44409	ABP44409 Human Bly	489	574	98.1	249	5	ABP44815	ABP44815 Human Bly
417	580	99.1	249	5	ABP44653	ABP44653 Human Bly	490	574	98.1	249	5	ABP44815	ABP44815 Human Bly
418	580	99.1	249	5	ABP44777	ABP44777 Human Bly	491	574	98.1	249	5	ABP44694	ABP44694 Human Bly
419	580	99.1	249	5	ABP44788	ABP44788 Human Bly	492	573	97.9	249	5	ABP44601	ABP44601 Human Bly
420	580	99.1	249	5	ABP44481	ABP44481 Human Bly	493	573	97.9	249	5	ABP44736	ABP44736 Human Bly
421	580	99.1	249	5	ABP44781	ABP44781 Human Bly	494	573	97.9	249	5	ABP44741	ABP44741 Human Bly
422	580	99.1	249	5	ABP44316	ABP44316 Human Bly	495	573	97.9	249	5	ABP44335	ABP44335 Human Bly
423	580	99.1	249	5	ABP44797	ABP44797 Human Bly	496	572	97.8	249	5	ABP44667	ABP44667 Human Bly
424	580	99.1	249	5	ABP44814	ABP44814 Human Bly	497	572	97.8	249	5	ABP44775	ABP44775 Human Bly
425	580	99.1	249	5	ABP44436	ABP44436 Human Bly	498	570	97.4	249	5	ABP44776	ABP44776 Human Bly
426	580	99.1	249	5	ABP44787	ABP44787 Human Bly	499	570	97.4	249	5	ABP44780	ABP44780 Human Bly
427	579	99.0	249	5	ABP44314	ABP44314 Human Bly	500	570	97.4	249	5	ABP44796	ABP44796 Human Bly
428	579	99.0	249	5	ABP44482	ABP44482 Human Bly	501	570	97.4	249	5	ABP44528	ABP44528 Human Bly
429	579	99.0	249	5	ABP44629	ABP44629 Human Bly	502	569.5	97.4	249	5	ABP44821	ABP44821 Human Bly
430	579	99.0	249	5	ABP44697	ABP44697 Human Bly	503	569	97.3	249	5	ABP44483	ABP44483 Human Bly
431	579	99.0	249	5	ABP44340	ABP44340 Human Bly	504	569	97.3	249	5	ABP44593	ABP44593 Human Bly
432	579	99.0	249	5	ABP44412	ABP44412 Human Bly	505	569	97.3	249	5	ABP444329	ABP444329 Human Bly
433	579	99.0	249	5	ABP44689	ABP44689 Human Bly	506	568	97.1	249	5	ABP44779	ABP44779 Human Bly
434	579	99.0	249	5	ABP44783	ABP44783 Human Bly	507	566	96.8	249	5	ABP44816	ABP44816 Human Bly
435	579	99.0	249	5	ABP44311	ABP44311 Human Bly	508	565	96.6	249	5	ABP44786	ABP44786 Human Bly
436	579	99.0	249	5	ABP44684	ABP44684 Human Bly	509	564	96.4	249	5	ABP44692	ABP44692 Human Bly
437	579	99.0	249	5	ABP44820	ABP44820 Human Bly	510	561	95.9	240	4	ABP446052	ABP446052 Human TP
438	579	99.0	249	5	ABP44818	ABP44818 Human Bly	511	561	95.9	240	4	ABP45818	ABP45818 Human Bly
439	579	99.0	249	5	ABP44607	ABP44607 Human Bly	512	560	95.7	253	5	ABP45017	ABP45017 Human Bly
440	579	99.0	249	5	ABP44674	ABP44674 Human Bly	513	557	95.2	115	4	ABP45559	ABP45559 Human Bly
441	579	99.0	249	5	ABP44798	ABP44798 Human Bly	514	557	95.2	115	4	ABP45846	ABP45846 Human Bly
442	579	99.0	249	5	ABP44605	ABP44605 Human Bly	515	557	95.2	109	4	ABP452513	ABP452513 Human Bly
443	579	99.0	249	5	ABP44666	ABP44666 Human Bly	516	556	95.0	209	5	ABP458017	ABP458017 Human Bly
444	579	99.0	249	5	ABP44666	ABP44666 Human Bly	517	556	95.0	229	5	ABP458017	ABP458017 Human Bly
445	578	98.8	249	5	ABP44383	ABP44383 Human Bly	518	556	95.0	236	2	ABP458017	ABP458017 Human Bly
446	578	98.8	249	5	ABP44609	ABP44609 Human Bly	519	556	95.0	237	2	ABP458017	ABP458017 Human Bly
447	578	98.8	249	5	ABP44635	ABP44635 Human Bly	520	556	95.0	237	5	ABP458017	ABP458017 Human Bly
448	578	98.8	249	5	ABP44708	ABP44708 Human Bly	521	556	95.0	237	5	ABP458017	ABP458017 Human Bly
449	578	98.8	249	5	ABP44628	ABP44628 Human Bly	522	556	95.0	238	5	ABP458017	ABP458017 Human Bly
450	578	98.8	249	5	ABP44634	ABP44634 Human Bly	523	556	95.0	239	2	ABP458017	ABP458017 Human Bly
451	578	98.8	249	5	ABP44634	ABP44634 Human Bly	524	556	95.0	239	5	ABP458017	ABP458017 Human Bly
452	578	98.8	249	5	ABP44560	ABP44560 Human Bly	525	556	95.0	239	5	ABP458017	ABP458017 Human Bly
453	578	98.8	249	5	ABP44778	ABP44778 Human Bly	526	556	95.0	239	5	ABP458017	ABP458017 Human Bly
454	578	98.8	249	5	ABP44645	ABP44645 Human Bly	527	556	95.0	240	5	ABP458017	ABP458017 Human Bly
455	578	98.8	249	5	ABP44627	ABP44627 Human Bly	528	556	95.0	240	5	ABP458017	ABP458017 Human Bly
456	578	98.8	249	5	ABP44752	ABP44752 Human Bly	529	556	95.0	240	5	ABP458017	ABP458017 Human Bly
457	578	98.8	249	5	ABP44623	ABP44623 Human Bly	530	556	95.0	240	6	ABP458017	ABP458017 Human Bly
458	578	98.8	249	5	ABP44751	ABP44751 Human Bly	531	556	95.0	241	5	ABP458017	ABP458017 Human Bly
459	577	98.6	248	5	ABP44632	ABP44632 Human Bly	532	556	95.0	241	5	ABP458017	ABP458017 Human Bly
460	577	98.6	249	5	ABP44813	ABP44813 Human Bly	533	556	95.0	242	5	ABP458017	ABP458017 Human Bly
461	577	98.6	249	5	ABP44355	ABP44355 Human Bly	534	556	95.0	242	5	ABP458017	ABP458017 Human Bly
462	577	98.6	249	5	ABP44513	ABP44513 Human Bly	535	556	95.0	242	5	ABP458017	ABP458017 Human Bly
463	577	98.6	249	5	ABP44330	ABP44330 Human Bly	536	556	95.0	242	5	ABP458017	ABP458017 Human Bly

537	556	95.0	243	5	ABP46045	Abp46045 Human Bly	610	556	95.0	255	5	ABP43993	Abp43993 Human Bly
538	556	95.0	243	5	ABP45929	Abp45929 Human Bly	611	556	95.0	255	5	ABP45054	Abp45054 Human Bly
539	556	95.0	243	5	ABP46003	Abp46003 Human Bly	612	556	95.0	256	5	ABP45610	Abp45610 Human Bly
540	556	95.0	243	5	ABP45931	Abp45931 Human Bly	613	556	95.0	257	5	ABP45585	Abp45585 Human Bly
541	556	95.0	243	5	ABP46096	Abp46096 Human Bly	614	556	95.0	260	5	ABG92023	Abg92023 Antibody
542	556	95.0	243	5	ABP45918	Abp45918 Human Bly	615	556	95.0	263	5	ABG92024	Abg92024 Antibody
543	556	95.0	244	5	ABP45683	Abp45683 Human Bly	616	556	95.0	266	5	ABG92020	Abg92020 Human ant
544	556	95.0	244	5	ABP45681	Abp45681 Human Bly	617	556	95.0	277	5	ABG78150	Abg78150 Human Fv
545	556	95.0	244	5	ABP46047	Abp46047 Human Bly	618	556	95.0	277	5	ABG78328	Abg78328 Human Fv
546	556	95.0	244	6	AAO31139	AAO31139 Human CMO	619	556	95.0	277	5	ABG92019	Abg92019 Human ant
547	556	95.0	244	6	AAO31136	AAO31136 Human CMO	620	556	95.0	277	5	ABG91841	Abg91841 Human ant
548	556	95.0	245	5	ABP45908	Abp45908 Human Bly	621	556	95.0	280	4	AAO2186	AAO2186 PWM2 sing
549	556	95.0	245	5	ABP45604	Abp45604 Human Bly	622	556	95.0	282	4	AAO2185	AAO2185 PWM1 sing
550	556	95.0	245	5	ABP45815	Abp45815 Human Bly	623	556	95.0	309	2	AAO33322	AAO33322 Single ch
551	556	95.0	245	6	AAO31137	AAO31137 Human CMO	624	556	95.0	309	2	ABO89603	Abbo89603 Antino act
552	556	95.0	246	5	ABG78329	Abg78329 Human Fv	625	556	95.0	309	6	ABG74384	Abg74384 Single ch
553	556	95.0	246	5	ABP45807	Abp45807 Human Bly	626	556	95.0	312	2	AAO83323	AAO83323 Single ch
554	556	95.0	246	5	ABP45415	Abp45415 Human Bly	627	556	95.0	312	5	ABO9604	Abbo9604 Antino act
555	556	95.0	246	5	ABP44917	Abp44917 Human Bly	628	556	95.0	312	6	AAO34385	AAO34385 Single ch
556	556	95.0	246	5	ABP45644	Abp45644 Human Bly	629	553	94.5	229	6	AAO30914	AAO30914 di-NHS76
557	556	95.0	246	5	ABG92026	Abg92026 Antibody	630	553	94.5	242	5	ABP45413	Abp45413 Human Bly
558	556	95.0	247	5	ABP45692	Abp45692 Human Bly	631	553	94.5	246	5	ABP45964	Abp45964 Human Bly
559	556	95.0	247	5	ABP44985	Abp44985 Human Bly	632	553	94.5	251	5	ABP44932	Abp44932 Human Bly
560	556	95.0	247	5	ABP45640	Abp45640 Human Bly	633	552	94.4	108	4	AAO62939	AAO62939 Antino act
561	556	95.0	247	5	ABP45311	Abp45311 Human Bly	634	552	94.4	108	5	AAO60198	AAO60198 Human gp9
562	556	95.0	247	5	ABP45715	Abp45715 Human Bly	635	552	94.4	111	5	ABG78132	Abg78132 Human ant
563	556	95.0	248	5	ABP45654	Abp45654 Human Bly	636	552	94.4	111	5	ABG91823	Abg91823 Human ant
564	556	95.0	248	5	ABP44909	Abp44909 Human Bly	637	552	94.4	238	5	ABP45920	Abp45920 Human Bly
565	556	95.0	248	5	ABP45282	Abp45282 Human Bly	638	552	94.4	239	5	ABP46024	Abp46024 Human Bly
566	556	95.0	248	5	ABP45611	Abp45611 Human Bly	639	552	94.4	246	5	ABP45770	Abp45770 Human Bly
567	556	95.0	248	5	ABP45651	Abp45651 Human Bly	640	552	94.4	247	5	ABP44916	Abp44916 Human Bly
568	556	95.0	248	5	ABP45668	Abp45668 Human Bly	641	552	94.4	247	5	ABP45753	Abp45753 Human Bly
569	556	95.0	248	5	ABP45320	Abp45320 Human Bly	642	552	94.4	247	5	ABP45373	Abp45373 Human Bly
570	556	95.0	248	5	ABP45613	Abp45613 Human Bly	643	552	94.4	248	5	ABP45406	Abp45406 Human Bly
571	556	95.0	248	5	ABP45632	Abp45632 Human Bly	644	552	94.4	248	5	ABP45664	Abp45664 Human Bly
572	556	95.0	248	5	ABP45637	Abp45637 Human Bly	645	552	94.4	251	5	ABP45729	Abp45729 Human Bly
573	556	95.0	248	5	ABP45730	Abp45730 Human Bly	646	552	94.4	251	5	ABP45346	Abp45346 Human Bly
574	556	95.0	248	5	ABP44882	Abp44882 Human Bly	647	551	94.2	241	5	ABP45900	Abp45900 Human Bly
575	556	95.0	248	5	ABP44959	Abp44959 Human Bly	648	551	94.2	242	5	ABP46010	Abp46010 Human Bly
576	556	95.0	248	5	ABP45723	Abp45723 Human Bly	649	551	94.2	247	5	ABP44937	Abp44937 Human Bly
577	556	95.0	248	5	ABP45598	Abp45598 Human Bly	650	551	94.2	248	5	ABP45659	Abp45659 Human Bly
578	556	95.0	248	5	ABP45710	Abp45710 Human Bly	651	551	94.2	248	5	ABP45649	Abp45649 Human Bly
579	556	95.0	248	5	ABP44889	Abp44889 Human Bly	652	551	94.2	249	5	ABP45719	Abp45719 Human Bly
580	556	95.0	248	5	ABP44956	Abp44956 Human Bly	653	551	94.2	250	5	ABP45463	Abp45463 Human Bly
581	556	95.0	248	5	ABP45657	Abp45657 Human Bly	654	551	94.2	250	5	ABP45537	Abp45537 Human Bly
582	556	95.0	248	5	ABP45656	Abp45656 Human Bly	655	551	94.2	251	5	ABP45305	Abp45305 Human Bly
583	556	95.0	248	5	ABP45670	Abp45670 Human Bly	656	551	94.2	252	5	ABP45405	Abp45405 Human Bly
584	556	95.0	248	5	ABP44902	Abp44902 Human Bly	657	550	94.0	108	3	AAO44616	AAO44616 Human ant
585	556	95.0	248	5	ABP45375	Abp45375 Human Bly	658	550	94.0	115	4	AAO65557	AAO65557 Antino act
586	556	95.0	248	5	ABP45612	Abp45612 Human Bly	659	550	94.0	246	5	ABP45691	Abp45691 Human Bly
587	556	95.0	249	5	ABP45294	Abp45294 Human Bly	660	550	94.0	248	5	ABP45312	Abp45312 Human Bly
588	556	95.0	249	5	ABP45630	Abp45630 Human Bly	661	550	94.0	249	2	AAO24061	AAO24061 Human WSX
589	556	95.0	249	5	ABP46022	Abp46022 Human Bly	662	550	94.0	249	7	ADCO8949	ADCO8949 Human WSX
590	556	95.0	249	5	ABP45434	Abp45434 Human Bly	663	550	94.0	251	5	ABP44938	Abp44938 Human Bly
591	556	95.0	249	5	ABP45713	Abp45713 Human Bly	664	550	94.0	251	5	ABP44986	Abp44986 Human Bly
592	556	95.0	249	5	ABP45098	Abp45098 Human Bly	665	550	94.0	253	5	ABP45617	Abp45617 Human Bly
593	556	95.0	249	5	ABP44529	Abp44529 Human Bly	666	549	93.8	233	5	ABG78152	Abg78152 Human Fv
594	556	95.0	249	5	ABP45324	Abp45324 Human Bly	667	549	93.8	233	5	ABG91843	Abg91843 Human ant
595	556	95.0	249	5	ABP45714	Abp45714 Human Bly	668	549	93.8	237	5	ABP46028	Abp46028 Human Bly
596	556	95.0	249	5	ABP44952	Abp44952 Human Bly	669	549	93.8	242	5	ABP45751	Abp45751 Human Bly
597	556	95.0	249	5	ABP45609	Abp45609 Human Bly	670	549	93.8	243	5	ABP45936	Abp45936 Human Bly
598	556	95.0	249	5	ABP45414	Abp45414 Human Bly	671	549	93.8	246	5	ABP45181	Abp45181 Human Bly
599	556	95.0	250	5	ABP45636	Abp45636 Human Bly	672	549	93.8	247	5	ABP44913	Abp44913 Human Bly
600	556	95.0	250	5	ABP45711	Abp45711 Human Bly	673	549	93.8	248	5	ABP45716	Abp45716 Human Bly
601	556	95.0	250	5	ABP46055	Abp46055 Human Bly	674	549	93.8	248	5	ABP45779	Abp45779 Human Bly
602	556	95.0	250	6	ABP60526	ABP60526 APRIL Bin	675	549	93.8	248	5	ABP44824	Abp44824 Human Bly
603	556	95.0	251	5	ABP45304	Abp45304 Human Bly	676	549	93.8	251	5	ABP44903	Abp44903 Human Bly
604	556	95.0	251	5	ABP44941	Abp44941 Human Bly	677	549	93.8	251	5	ABP44971	Abp44971 Human Bly
605	556	95.0	251	5	ABP45335	Abp45335 Human Bly	678	549	93.8	253	5	ABP45766	Abp45766 Human Bly
606	556	95.0	252	5	ABP45635	Abp45635 Human Bly	679	549	93.8	256	5	ABG78334	Abg78334 Human Fv
607	556	95.0	253	5	ABP44927	Abp44927 Human Bly	680	549	93.8	256	5	ABG92025	Abg92025 Antibody
608	556	95.0	254	2	AAO49693	AAO49693 Human ScF	681	548.5	93.8	108	3	AAO95185	AAO95185 Anti-plac
609	556	95.0	255	5	ABP45043	Abp45043 Human Bly	682	548.5	93.8	108	3	AAO95179	AAO95179 Anti-plac

683	548	93.7	239	5	ABP46011	Abp46011 Human Bly	756	532	90.9	236	4	AAB46055	Abd46055 Human TF
684	548	93.7	239	5	ABP46012	Abp46012 Human Bly	757	532	90.9	238	5	ABP46013	Abp46013 Human Bly
685	548	93.7	241	5	ABP45997	Abp45997 Human Bly	758	532	90.9	241	5	ABP46021	Abp46021 Human Bly
686	548	93.7	246	5	ABP45297	Abp45297 Human Bly	759	532	90.9	248	5	ABP45717	Abp45717 Human Bly
687	548	93.7	247	5	ABP45317	Abp45317 Human Bly	760	532	90.9	249	5	ABP44885	Abp44885 Human Bly
688	548	93.7	248	5	ABP45973	Abp45973 Human Bly	761	531	90.8	109	4	AAU02509	AAU02509 Anti-adip
689	548	93.7	248	5	ABP45707	Abp45707 Human Bly	762	530.5	90.7	242	3	AAV15127	AAV15127 Anti-mur1
690	548	93.7	248	5	ABP45646	Abp45646 Human Bly	763	530	90.6	108	4	AA662933	AA662933 Amino aci
691	548	93.7	248	5	ABP45721	Abp45721 Human Bly	764	530	90.6	248	5	ABP45812	Abp45812 Human Bly
692	548	93.7	248	5	ABP45712	Abp45712 Human Bly	765	530	90.6	254	5	ABP45500	Abp45500 Human Bly
693	548	93.7	255	5	ABP45903	Abp45903 Human Bly	766	529.5	90.5	242	4	ABP46053	ABP46053 Human TF
694	547	93.5	237	5	ABP45993	Abp45993 Human Bly	767	529.5	90.5	248	5	ABP45694	ABP45694 Human Bly
695	547	93.5	243	5	ABP45933	Abp45933 Human Bly	768	529	90.4	108	4	AAU02632	AAU02632 Anti-adip
696	547	93.5	246	5	ABP45289	Abp45289 Human Bly	769	529	90.4	109	2	AAW19884	AAW19884 CEA-spect1
697	547	93.5	248	5	ABP45377	Abp45377 Human Bly	770	529	90.4	243	5	ABP46046	ABP46046 Human Bly
698	547	93.5	248	5	ABP44976	Abp44976 Human Bly	771	529	90.4	246	5	ABP46057	ABP46057 Human Bly
699	547	93.5	248	5	ABP44905	Abp44905 Human Bly	772	529	90.4	248	5	ABP45754	ABP45754 Human Bly
700	546.5	93.4	237	3	AAV95219	AAV95219 Anti-plat	773	529	90.4	248	5	ABP45805	ABP45805 Human Bly
701	546	93.3	111	6	AAV99559	AAV99559 Human LHL	774	529	90.4	248	5	ABP45171	ABP45171 Human Bly
702	546	93.3	111	6	ABP42862	Abp42862 Tumour-gp	775	529	90.4	248	5	ABP44939	ABP44939 Human Bly
703	546	93.3	239	4	ABP46004	Abp46004 Human Bly	776	529	90.4	248	5	ABP44881	ABP44881 Human Bly
704	546	93.3	251	5	ABP45363	Abp45363 Human Bly	777	529	90.4	249	5	ABP45099	ABP45099 Human Bly
705	546	93.3	253	5	ABP45824	Abp45824 Human Bly	778	529	90.4	249	5	ABP45097	ABP45097 Human Bly
706	546	93.3	255	5	ABP45045	Abp45045 Human Bly	779	529	90.4	249	5	ABP45102	ABP45102 Human Bly
707	546	93.3	257	5	ABP45241	Abp45241 Human Bly	780	529	90.4	249	5	ABP45094	ABP45094 Human Bly
708	545	93.2	109	2	AAW15525	AAW15525 Anti-TGF	781	529	90.4	249	5	ABP45100	ABP45100 Human Bly
709	545	93.2	239	5	ABP46004	Abp46004 Human Bly	782	529	90.4	249	5	ABP45107	ABP45107 Human Bly
710	545	93.2	241	5	ABP46049	Abp46049 Human Bly	783	529	90.4	249	5	ABP45109	ABP45109 Human Bly
711	545	93.2	247	5	ABP45296	Abp45296 Human Bly	784	529	90.4	249	5	ABP45097	ABP45097 Human Bly
712	545	93.2	247	5	ABP45101	Abp45101 Human Bly	785	529	90.4	249	5	ABP44900	ABP44900 Human Bly
713	545	93.2	248	5	ABP45461	Abp45461 Human Bly	786	529	90.4	249	5	ABP45106	ABP45106 Human Bly
714	545	93.2	248	5	ABP44866	Abp44866 Human Bly	787	529	90.4	249	5	ABP44501	ABP44501 Human Bly
715	545	93.2	248	5	ABP44965	Abp44965 Human Bly	788	529	90.4	249	5	ABP43994	ABP43994 Human Bly
716	545	93.2	250	4	ABP45665	Abp45665 Human Bly	789	529	90.4	249	5	ABP45108	ABP45108 Human Bly
717	544	93.0	107	4	AA662969	AA662969 Amino aci	790	529	90.4	249	5	ABP44386	ABP44386 Human Bly
718	544	93.0	247	5	ABP45928	Abp45928 Human Bly	791	529	90.4	250	5	ABP44530	ABP44530 Human Bly
719	544	93.0	247	5	ABP45459	Abp45459 Human Bly	792	529	90.4	250	5	ABP44831	ABP44831 Human Bly
720	543	92.8	247	5	ABP45283	Abp45283 Human Bly	793	529	90.4	252	5	ABP45720	ABP45720 Human Bly
721	542.5	92.7	107	3	AAV95215	AAV95215 Anti-plat	794	529	90.4	253	5	ABP46073	ABP46073 Human Bly
722	542.5	92.7	107	3	AAV95194	AAV95194 Anti-plat	795	528	90.3	242	5	ABP46092	ABP46092 Human Bly
723	542.5	92.7	238	5	AAV95198	AAV95198 Anti-plat	796	528	90.3	248	5	ABP46077	ABP46077 Human Bly
724	542.5	92.7	253	5	ABP45498	Abp45498 Human Bly	797	528	90.3	248	5	ABP45187	ABP45187 Human Bly
725	542	92.6	109	4	AAU02527	AAU02527 Anti-adip	798	528	90.3	248	5	ABP45591	ABP45591 Human Bly
726	541	92.5	111	6	ABP42846	Abp42846 Tumour-sp	799	527	90.1	109	4	AAU02511	AAU02511 Anti-adip
727	541	92.5	248	5	ABP42845	Abp42845 Tumour-sp	800	527	89.9	251	5	ABP45039	ABP45039 Human Bly
728	541	92.5	248	5	ABP44942	Abp44942 Human Bly	801	526	89.9	251	5	ABP45731	ABP45731 Human Bly
729	540.5	92.4	109	2	AAW08583	AAW08583 Human ant	802	525	89.7	242	5	ABP45731	ABP45731 Human Bly
730	539	92.1	108	4	AA662937	AA662937 Anti-no aci	803	525	89.7	249	5	ABP45774	ABP45774 Human Bly
731	539	92.1	111	6	ABP42843	Abp42843 Tumour-sp	804	524	89.6	248	5	ABP45774	ABP45774 Human Bly
732	539	92.1	250	5	ABP45524	Abp45524 Human Bly	805	524	89.6	249	5	ABP45301	ABP45301 Human Bly
733	538	92.0	111	6	ABP42844	Abp42844 Tumour-sp	806	524	89.6	249	5	ABP45193	ABP45193 Human Bly
734	538	92.0	227	5	ABP46025	Abp46025 Human Bly	807	523	89.5	248	5	ABP45240	ABP45240 Human Bly
735	536	91.6	251	5	ABP44845	Abp44845 Human Bly	808	523	89.5	248	5	ABP45082	ABP45082 Anti-body
736	536	91.6	254	5	ABP45248	Abp45248 Human Bly	809	523	89.4	243	5	ABP46091	ABP46091 Human Bly
737	535	91.5	109	4	AAU02504	AAU02504 Anti-adip	810	523	89.4	244	5	ABP45913	ABP45913 Human Bly
738	535	91.5	248	5	ABP45295	Abp45295 Human Bly	811	523	89.4	248	5	ABP45577	ABP45577 Human Bly
739	535	91.5	248	5	ABP45744	Abp45744 Human Bly	812	522	89.2	243	5	ABP45948	ABP45948 Human Bly
740	535	91.5	248	5	ABP45954	Abp45954 Human Bly	813	522	89.2	248	5	ABP45860	ABP45860 Human Bly
741	535	91.5	249	5	ABP45194	Abp45194 Human Bly	814	522	89.2	255	5	ABP45775	ABP45775 Human Bly
742	534.5	91.4	110	2	AAW15526	AAW15526 Anti-TGF	815	521	89.1	101	2	AAK22572	AAK22572 Light cna
743	534.5	91.4	241	5	ABP45926	Abp45926 Human Bly	816	521	89.1	242	5	ABP45777	ABP45777 Human Bly
744	534.5	91.4	249	5	ABP44901	Abp44901 Human Bly	817	521	89.1	242	5	ABP45427	ABP45427 Human Bly
745	534.5	91.4	256	5	ABP45178	Abp45178 Human Bly	818	521	89.1	242	5	ABP45862	ABP45862 Human Bly
746	534	91.3	106	4	AAU02531	AAU02531 Anti-adip	819	521	89.1	247	5	ABP45641	ABP45641 Human Bly
747	534	91.3	111	6	ABP42847	Abp42847 Tumour-sp	820	521	89.1	247	5	ABP45718	ABP45718 Human Bly
748	534	91.3	242	5	ABP45422	Abp45422 Human Bly	821	521	89.1	247	5	ABP45319	ABP45319 Human Bly
749	534	91.3	247	5	ABP45246	Abp45246 Human Bly	822	521	89.1	247	5	ABP44837	ABP44837 Human Bly
750	534	91.3	248	5	ABP45944	Abp45944 Human Bly	823	521	89.1	248	5	ABP45391	ABP45391 Human Bly
751	534	91.3	248	5	ABP46110	Abp46110 Human Bly	824	521	89.1	249	5	ABP45279	ABP45279 Human Bly
752	534	91.3	248	5	ABP45977	Abp45977 Human Bly	825	521	89.1	249	5	ABP45806	ABP45806 Human Bly
753	533.5	91.2	251	5	ABP45457	Abp45457 Human Bly	826	521	89.1	249	5	ABP44946	ABP44946 Human Bly
754	533.5	91.2	253	5	ABP45515	Abp45515 Human Bly	827	521	89.1	249	5	ABP44963	ABP44963 Human Bly
755	533	91.1	111	6	ABP42848	Abp42848 Tumour-sp	828	521	89.1	249	5	ABP44963	ABP44963 Human Bly

829	521	89.1	250	5	ABP44839	Abp44839 Human Bly	902	492	84.1	249	5	ABP45204	Abp45204 Human Bly
830	521	89.1	250	5	ABP45159	Abp45159 Human Bly	903	491.5	84.0	256	5	ABP45247	Abp45247 Human Bly
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832	521	89.1	250	5	ABP44840	Abp44840 Human Bly							
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841	520	88.9	245	5	ABP45968	Abp45968 Human Bly							
842	520	88.9	248	5	ABP45167	Abp45167 Human Bly							
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847	518	88.5	250	5	ABP45356	Abp45356 Human Bly							
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850	517	88.4	108	4	AA662961	AA662961 Amino aci							
851	517	88.4	240	5	AAU79563	AAU79563 Monoclonal							
852	517	88.4	244	5	ABP45628	Abp45628 Human Bly							
853	517	88.4	248	5	ABP44948	Abp44948 Human Bly							
854	517	88.4	248	5	ABP45376	Abp45376 Human Bly							
855	517	88.4	249	5	ABP44766	Abp44766 Human Bly							
856	517	88.4	250	5	ABP43996	Abp43996 Human Bly							
857	516.5	88.3	249	5	ABP45845	Abp45845 Human Bly							
858	516	88.2	246	5	ABP45382	Abp45382 Human Bly							
859	516	88.2	246	5	ABP45627	Abp45627 Human Bly							
860	516	88.2	249	5	ABP45288	Abp45288 Human Bly							
861	516	88.2	249	5	ABP45104	Abp45104 Human Bly							
862	516	88.2	250	5	ABP45979	Abp45979 Human Bly							
863	516	88.2	252	5	ABP45383	Abp45383 Human Bly							
864	515.5	88.1	110	2	AAW15538	AAW15538 Anti-TGF							
865	515	88.0	233	1	AAW15260	AAW15260 VDJC regi							
866	515	88.0	253	5	ABP45847	Abp45847 Human Bly							
867	514	87.9	109	2	AAW47182	AAW47182 Variable							
868	514	87.9	248	5	ABP45866	Abp45866 Human Bly							
869	513	87.7	109	4	AA665309	AA665309 Anti-IL-1							
870	513	87.7	109	4	AA665353	AA665353 Anti-IL-1							
871	513	87.7	235	6	AAO31140	AAO31140 Human CMO							
872	513	87.7	247	5	ABP45105	Abp45105 Human Bly							
873	511.5	87.4	254	5	ABP44833	Abp44833 Human Bly							
874	511	87.4	109	2	AAW47181	AAW47181 Variable							
875	511	87.4	253	5	ABP45927	Abp45927 Human Bly							
876	509	87.0	107	2	AAW15528	AAW15528 Anti-TGF							
877	509	87.0	246	5	ABP45969	Abp45969 Human Bly							
878	509	87.0	248	5	ABP44910	Abp44910 Human Bly							
879	507.5	86.8	253	5	ABP45519	Abp45519 Human Bly							
880	507.5	86.8	255	5	ABP45472	Abp45472 Human Bly							
881	507	86.7	240	5	ABP45978	Abp45978 Human Bly							
882	506	86.5	109	2	AAW15559	AAW15559 TGF beta-							
883	505	86.3	250	5	ABP45856	Abp45856 Human Bly							
884	504.5	86.2	250	5	ABP45011	Abp45011 Human Bly							
885	504	86.2	250	5	ABP45475	Abp45475 Human Bly							
886	503	86.0	107	2	AA669092	AA669092 Anti-HIV							
887	503	86.0	107	2	AAW08741	AAW08741 Human ant							
888	501	85.6	250	5	ABP45003	Abp45003 Human Bly							
889	501	85.6	253	5	ABP45842	Abp45842 Human Bly							
890	500	85.5	243	5	ABP45852	Abp45852 Human Bly							
891	498	85.1	251	5	ABP45882	Abp45882 Human Bly							
892	498	85.1	252	5	ABP45464	Abp45464 Human Bly							
893	497.5	85.0	228	5	ABP46056	Abp46056 Human Bly							
894	496.5	84.9	252	5	ABP45530	Abp45530 Human Bly							
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896	494	84.4	104	5	ABBO5054	ABBO5054 Fibronect							
897	494	84.4	238	5	ABG19297	ABG19297 Novel hum							
898	494	84.4	248	5	ABP45445	Abp45445 Human Bly							
899	494	84.4	250	5	ABP45473	Abp45473 Human Bly							
900	494	84.4	253	5	ABP45837	Abp45837 Human Bly							
901	493.5	84.4	236	5	ABP45999	Abp45999 Human Bly							

Search completed: September 10, 2004, 10:26:50
Job time : 75.5128 secs

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OM protein - protein search, using sw model

Run on: September 10, 2004, 10:07:03 ; Search time 71.4872 Seconds
(without alignments)
486.148 Million cell updates/sec

Title: US-09-880-748-2_COPY_1_123
Perfect score: 640
Sequence: 1 QVQLQSGAEVKKRGGSSVRV.....LPHYGMGVKGRGTMVTSS 123

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1586107 seqs, 282547505 residues

Total number of hits satisfying chosen parameters: 518

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 84%
Maximum Match 100%

Listing first 65000 summaries

Database : A_Geneseq_29Jan04:*
1: geneseqp1980s:*
2: geneseqp1990s:*
3: geneseqp2000s:*
4: geneseqp2001s:*
5: geneseqp2002s:*
6: geneseqp2003as:*
7: geneseqp2003bs:*
8: geneseqp2004s:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	640	100.0	246 5 ABP44917	ABP44917 Human Bly
2	640	100.0	249 5 ABP44468	ABP44468 Human Bly
3	640	100.0	249 5 ABP43991	ABP43991 Human Bly
4	640	100.0	249 5 ABP44708	ABP44708 Human Bly
5	640	100.0	249 5 ABP44460	ABP44460 Human Bly
6	640	100.0	249 5 ABP44785	ABP44785 Human Bly
7	640	100.0	246 5 ABP44607	ABP44607 Human Bly
8	637	99.5	246 5 ABP45415	ABP45415 Human Bly
9	637	99.5	246 5 ABP45770	ABP45770 Human Bly
10	637	99.5	249 5 ABP44602	ABP44602 Human Bly
11	634	99.1	249 5 ABP44688	ABP44688 Human Bly
12	634	99.1	249 5 ABP45737	ABP45737 Human Bly
13	633	98.9	249 5 ABP45297	ABP45297 Human Bly
14	632	98.8	249 5 ABP44677	ABP44677 Human Bly
15	632	98.8	249 5 ABP44313	ABP44313 Human Bly
16	631	98.6	246 5 ABP45807	ABP45807 Human Bly
17	631	98.6	249 5 ABP44710	ABP44710 Human Bly
18	626	97.8	249 5 ABP44783	ABP44783 Human Bly
19	626	97.8	249 5 ABP44793	ABP44793 Human Bly
20	623	97.3	249 5 ABP44314	ABP44314 Human Bly
21	623	97.3	249 5 ABP44750	ABP44750 Human Bly
22	623	97.3	249 5 ABP44804	ABP44804 Human Bly
23	621	97.0	249 5 ABP44450	ABP44450 Human Bly
24	621	97.0	249 5 ABP44800	ABP44800 Human Bly
25	621	97.0	249 5 ABP44521	ABP44521 Human Bly
26	621	97.0	249 5 ABP44763	ABP44763 Human Bly
27	621	97.0	249 5 ABP44311	ABP44311 Human Bly
28	621	97.0	249 5 ABP44815	ABP44815 Human Bly
29	621	97.0	249 5 ABP44741	ABP44741 Human Bly
30	621	97.0	249 5 ABP44318	ABP44318 Human Bly
31	621	97.0	249 5 ABP44781	ABP44781 Human Bly
32	621	97.0	249 5 ABP44786	ABP44786 Human Bly
33	621	97.0	249 5 ABP44797	ABP44797 Human Bly
34	621	97.0	249 5 ABP44814	ABP44814 Human Bly
35	621	97.0	249 5 ABP44733	ABP44733 Human Bly
36	620	96.9	249 5 ABP44522	ABP44522 Human Bly
37	620	96.9	249 5 ABP44698	ABP44698 Human Bly
38	620	96.9	249 5 ABP44718	ABP44718 Human Bly
39	619	96.7	249 5 ABP44787	ABP44787 Human Bly
40	619	96.7	249 5 ABP44803	ABP44803 Human Bly
41	618	96.6	249 5 ABP44561	ABP44561 Human Bly
42	618	96.6	249 5 ABP44680	ABP44680 Human Bly
43	618	96.6	249 5 ABP44687	ABP44687 Human Bly
44	618	96.6	249 5 ABP44690	ABP44690 Human Bly
45	618	96.6	249 5 ABP44777	ABP44777 Human Bly
46	618	96.6	249 5 ABP44731	ABP44731 Human Bly
47	617	96.4	249 5 ABP44794	ABP44794 Human Bly
48	617	96.4	249 5 ABP44434	ABP44434 Human Bly
49	617	96.4	249 5 ABP44801	ABP44801 Human Bly
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51	617	96.4	249 5 ABP44684	ABP44684 Human Bly
52	617	96.4	249 5 ABP44416	ABP44416 Human Bly
53	617	96.4	249 5 ABP44762	ABP44762 Human Bly
54	616	96.2	249 5 ABP44809	ABP44809 Human Bly
55	616	96.2	249 5 ABP44759	ABP44759 Human Bly
56	616	96.2	249 5 ABP44663	ABP44663 Human Bly
57	616	96.2	249 5 ABP44310	ABP44310 Human Bly
58	616	96.2	249 5 ABP44580	ABP44580 Human Bly
59	615	96.1	249 5 ABP44817	ABP44817 Human Bly
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62	615	96.1	249 5 ABP44792	ABP44792 Human Bly
63	615	96.1	249 5 ABP44605	ABP44605 Human Bly
64	614	95.9	249 5 ABP44745	ABP44745 Human Bly
65	614	95.9	249 5 ABP44776	ABP44776 Human Bly
66	614	95.9	249 5 ABP44636	ABP44636 Human Bly
67	614	95.9	249 5 ABP44780	ABP44780 Human Bly
68	614	95.9	249 5 ABP44819	ABP44819 Human Bly
69	614	95.9	249 5 ABP44779	ABP44779 Human Bly
70	614	95.9	249 5 ABP44702	ABP44702 Human Bly
71	614	95.9	249 5 ABP44821	ABP44821 Human Bly
72	614	95.9	249 5 ABP44578	ABP44578 Human Bly
73	614	95.9	249 5 ABP44693	ABP44693 Human Bly
74	614	95.9	249 5 ABP44774	ABP44774 Human Bly
75	614	95.9	249 5 ABP44557	ABP44557 Human Bly
76	614	95.9	249 5 ABP44782	ABP44782 Human Bly
77	614	95.9	249 5 ABP44796	ABP44796 Human Bly
78	614	95.9	249 5 ABP44469	ABP44469 Human Bly
79	614	95.9	249 5 ABP44667	ABP44667 Human Bly
80	613	95.8	249 5 ABP44671	ABP44671 Human Bly
81	613	95.8	249 5 ABP44455	ABP44455 Human Bly
82	613	95.8	249 5 ABP44778	ABP44778 Human Bly
83	613	95.8	249 5 ABP44579	ABP44579 Human Bly
84	613	95.8	249 5 ABP44670	ABP44670 Human Bly
85	613	95.8	249 5 ABP44812	ABP44812 Human Bly
86	613	95.8	249 5 ABP44315	ABP44315 Human Bly
87	612	95.6	249 5 ABP44317	ABP44317 Human Bly
88	612	95.6	249 5 ABP44511	ABP44511 Human Bly
89	612	95.6	249 5 ABP44799	ABP44799 Human Bly
90	612	95.6	249 5 ABP44404	ABP44404 Human Bly
91	612	95.6	249 5 ABP44768	ABP44768 Human Bly
92	612	95.6	249 5 ABP44711	ABP44711 Human Bly
93	612	95.6	249 5 ABP44806	ABP44806 Human Bly
94	612	95.6	249 5 ABP44714	ABP44714 Human Bly
95	611	95.5	249 5 ABP44487	ABP44487 Human Bly
96	611	95.5	249 5 ABP44380	ABP44380 Human Bly
97	611	95.5	249 5 ABP44737	ABP44737 Human Bly
98	611	95.5	249 5 ABP44521	ABP44521 Human Bly

99	611	95.5	249	5	ABP44634	ABP44634 Human Bly	172	605	94.5	249	5	ABP44552	ABP44552 Human Bly
100	611	95.5	249	5	ABP44754	ABP44754 Human Bly	173	605	94.5	249	5	ABP44585	ABP44585 Human Bly
101	611	95.5	249	5	ABP44719	ABP44719 Human Bly	174	605	94.5	249	5	ABP44706	ABP44706 Human Bly
102	610	95.3	249	5	ABP44810	ABP44810 Human Bly	175	605	94.5	249	5	ABP44339	ABP44339 Human Bly
103	610	95.3	249	5	ABP44816	ABP44816 Human Bly	176	605	94.5	249	5	ABP44417	ABP44417 Human Bly
104	610	95.3	249	5	ABP44316	ABP44316 Human Bly	177	605	94.5	249	5	ABP44433	ABP44433 Human Bly
105	610	95.3	250	5	ABP44767	ABP44767 Human Bly	178	605	94.5	249	5	ABP44560	ABP44560 Human Bly
106	609	95.2	249	5	ABP44505	ABP44505 Human Bly	179	605	94.5	249	5	ABP44820	ABP44820 Human Bly
107	609	95.2	249	5	ABP44705	ABP44705 Human Bly	180	605	94.5	249	5	ABP44544	ABP44544 Human Bly
108	609	95.2	249	5	ABP44765	ABP44765 Human Bly	181	605	94.5	249	5	ABP44335	ABP44335 Human Bly
109	609	95.2	249	5	ABP44422	ABP44422 Human Bly	182	605	94.5	249	5	ABP44617	ABP44617 Human Bly
110	609	95.2	249	5	ABP44447	ABP44447 Human Bly	183	605	94.5	249	5	ABP44379	ABP44379 Human Bly
111	609	95.2	249	5	ABP44479	ABP44479 Human Bly	184	605	94.5	249	5	ABP44563	ABP44563 Human Bly
112	609	95.2	249	5	ABP44527	ABP44527 Human Bly	185	605	94.5	249	5	ABP44594	ABP44594 Human Bly
113	609	95.2	249	5	ABP44715	ABP44715 Human Bly	186	605	94.5	249	5	ABP44694	ABP44694 Human Bly
114	609	95.2	249	5	ABP44744	ABP44744 Human Bly	187	604	94.4	249	5	ABP44613	ABP44613 Human Bly
115	609	95.2	249	5	ABP44413	ABP44413 Human Bly	188	604	94.4	249	5	ABP44319	ABP44319 Human Bly
116	608	95.0	249	5	ABP44747	ABP44747 Human Bly	189	604	94.4	249	5	ABP44415	ABP44415 Human Bly
117	608	95.0	249	5	ABP44333	ABP44333 Human Bly	190	604	94.4	249	5	ABP44574	ABP44574 Human Bly
118	608	95.0	249	5	ABP44506	ABP44506 Human Bly	191	604	94.4	249	5	ABP44567	ABP44567 Human Bly
119	608	95.0	249	5	ABP44364	ABP44364 Human Bly	192	604	94.4	249	5	ABP44651	ABP44651 Human Bly
120	608	95.0	249	5	ABP44646	ABP44646 Human Bly	193	604	94.4	249	5	ABP44639	ABP44639 Human Bly
121	608	95.0	249	5	ABP44467	ABP44467 Human Bly	194	604	94.4	249	5	ABP44499	ABP44499 Human Bly
122	608	95.0	249	5	ABP44569	ABP44569 Human Bly	195	604	94.4	249	5	ABP44516	ABP44516 Human Bly
123	608	95.0	249	5	ABP44558	ABP44558 Human Bly	196	604	94.4	249	5	ABP44604	ABP44604 Human Bly
124	608	95.0	249	5	ABP44444	ABP44444 Human Bly	197	603	94.2	249	5	ABP44321	ABP44321 Human Bly
125	608	95.0	249	5	ABP44653	ABP44653 Human Bly	198	603	94.2	249	5	ABP44647	ABP44647 Human Bly
126	608	95.0	249	5	ABP44339	ABP44339 Human Bly	199	603	94.2	249	5	ABP44491	ABP44491 Human Bly
127	608	95.0	249	5	ABP44395	ABP44395 Human Bly	200	603	94.2	249	5	ABP44581	ABP44581 Human Bly
128	608	95.0	249	5	ABP44641	ABP44641 Human Bly	201	603	94.2	249	5	ABP44549	ABP44549 Human Bly
129	608	95.0	249	5	ABP44673	ABP44673 Human Bly	202	603	94.2	249	5	ABP44789	ABP44789 Human Bly
130	607	94.8	249	5	ABP44509	ABP44509 Human Bly	203	603	94.2	249	5	ABP44669	ABP44669 Human Bly
131	607	94.8	249	5	ABP44652	ABP44652 Human Bly	204	603	94.2	249	5	ABP44692	ABP44692 Human Bly
132	607	94.8	249	5	ABP44399	ABP44399 Human Bly	205	603	94.2	249	5	ABP44573	ABP44573 Human Bly
133	607	94.8	249	5	ABP44658	ABP44658 Human Bly	206	603	94.2	249	5	ABP44414	ABP44414 Human Bly
134	607	94.8	249	5	ABP44633	ABP44633 Human Bly	207	603	94.2	249	5	ABP44523	ABP44523 Human Bly
135	607	94.8	249	5	ABP44736	ABP44736 Human Bly	208	603	94.2	249	5	ABP44643	ABP44643 Human Bly
136	607	94.8	249	5	ABP44449	ABP44449 Human Bly	209	602	94.1	247	5	ABP44709	ABP44709 Human Bly
137	607	94.8	249	5	ABP44529	ABP44529 Human Bly	210	602	94.1	249	5	ABP44601	ABP44601 Human Bly
138	607	94.8	249	5	ABP44534	ABP44534 Human Bly	211	602	94.1	249	5	ABP44724	ABP44724 Human Bly
139	607	94.8	249	5	ABP44554	ABP44554 Human Bly	212	602	94.1	249	5	ABP44729	ABP44729 Human Bly
140	607	94.8	249	5	ABP44566	ABP44566 Human Bly	213	602	94.1	249	5	ABP44407	ABP44407 Human Bly
141	607	94.8	249	5	ABP44427	ABP44427 Human Bly	214	602	94.1	249	5	ABP44716	ABP44716 Human Bly
142	607	94.8	249	5	ABP44356	ABP44356 Human Bly	215	602	94.1	249	5	ABP44475	ABP44475 Human Bly
143	607	94.8	249	5	ABP44360	ABP44360 Human Bly	216	602	94.1	249	5	ABP44485	ABP44485 Human Bly
144	607	94.8	249	5	ABP44649	ABP44649 Human Bly	217	602	94.1	249	5	ABP44429	ABP44429 Human Bly
145	607	94.8	249	5	ABP44471	ABP44471 Human Bly	218	602	94.1	249	5	ABP44546	ABP44546 Human Bly
146	607	94.8	249	5	ABP44565	ABP44565 Human Bly	219	602	94.1	249	5	ABP44620	ABP44620 Human Bly
147	607	94.8	249	5	ABP44352	ABP44352 Human Bly	220	602	94.1	249	5	ABP44597	ABP44597 Human Bly
148	607	94.8	249	5	ABP44508	ABP44508 Human Bly	221	602	94.1	249	5	ABP44700	ABP44700 Human Bly
149	607	94.8	249	5	ABP44720	ABP44720 Human Bly	222	602	94.1	249	5	ABP44351	ABP44351 Human Bly
150	606	94.7	249	5	ABP44732	ABP44732 Human Bly	223	602	94.1	249	5	ABP44583	ABP44583 Human Bly
151	606	94.7	249	5	ABP44355	ABP44355 Human Bly	224	602	94.1	249	5	ABP44695	ABP44695 Human Bly
152	606	94.7	249	5	ABP44355	ABP44355 Human Bly	225	602	94.1	249	5	ABP44802	ABP44802 Human Bly
153	606	94.7	249	5	ABP44701	ABP44701 Human Bly	226	602	94.1	249	5	ABP44354	ABP44354 Human Bly
154	606	94.7	249	5	ABP44770	ABP44770 Human Bly	227	602	94.1	249	5	ABP44503	ABP44503 Human Bly
155	606	94.7	249	5	ABP44448	ABP44448 Human Bly	228	602	94.1	249	5	ABP44550	ABP44550 Human Bly
156	606	94.7	249	5	ABP44635	ABP44635 Human Bly	229	602	94.1	249	5	ABP44578	ABP44578 Human Bly
157	606	94.7	249	5	ABP44332	ABP44332 Human Bly	230	602	94.1	249	5	ABP44436	ABP44436 Human Bly
158	606	94.7	249	5	ABP44712	ABP44712 Human Bly	231	602	94.1	249	5	ABP44713	ABP44713 Human Bly
159	606	94.7	249	5	ABP44622	ABP44622 Human Bly	232	602	94.1	249	5	ABP44807	ABP44807 Human Bly
160	606	94.7	249	5	ABP44818	ABP44818 Human Bly	233	601.5	94.0	248	5	ABP44632	ABP44632 Human Bly
161	606	94.7	249	5	ABP44498	ABP44498 Human Bly	234	601.5	94.0	248	5	ABP44442	ABP44442 Human Bly
162	606	94.7	249	5	ABP44466	ABP44466 Human Bly	235	601	93.9	249	5	ABP44813	ABP44813 Human Bly
163	606	94.7	249	5	ABP44372	ABP44372 Human Bly	236	601	93.9	249	5	ABP44374	ABP44374 Human Bly
164	605	94.5	248	5	ABP44528	ABP44528 Human Bly	237	601	93.9	249	5	ABP44397	ABP44397 Human Bly
165	605	94.5	249	5	ABP44644	ABP44644 Human Bly	238	601	93.9	249	5	ABP44513	ABP44513 Human Bly
166	605	94.5	249	5	ABP44662	ABP44662 Human Bly	239	601	93.9	249	5	ABP44587	ABP44587 Human Bly
167	605	94.5	249	5	ABP44685	ABP44685 Human Bly	240	601	93.9	249	5	ABP44330	ABP44330 Human Bly
168	605	94.5	249	5	ABP44805	ABP44805 Human Bly	241	601	93.9	249	5	ABP44347	ABP44347 Human Bly
169	605	94.5	249	5	ABP44596	ABP44596 Human Bly	242	601	93.9	249	5	ABP44625	ABP44625 Human Bly
170	605	94.5	249	5	ABP44388	ABP44388 Human Bly	243	601	93.9	249	5	ABP44631	ABP44631 Human Bly
171	605	94.5	249	5	ABP44539	ABP44539 Human Bly	244	601	93.9	249	5	ABP44345	ABP44345 Human Bly
													ABP44552 Human Bly
													ABP44585 Human Bly
													ABP44706 Human Bly
													ABP44339 Human Bly
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													ABP44321 Human Bly
													ABP44647 Human Bly
													ABP44491 Human Bly
													ABP44581 Human Bly
													ABP44549 Human Bly
													ABP44789 Human Bly
													ABP44669 Human Bly

245	601	93.9	249	5	ABP44500	Abp44500 Human Bly	318	599	93.6	249	5	ABP44476	Abp44476 Human Bly
246	601	93.9	249	5	ABP44556	Abp44556 Human Bly	319	599	93.6	249	5	ABP44543	Abp44543 Human Bly
247	601	93.9	249	5	ABP44749	Abp44749 Human Bly	320	599	93.6	249	5	ABP44409	Abp44409 Human Bly
248	601	93.9	249	5	ABP44341	Abp44341 Human Bly	321	599	93.6	249	5	ABP44435	Abp44435 Human Bly
249	601	93.9	249	5	ABP44408	Abp44408 Human Bly	322	599	93.6	249	5	ABP44555	Abp44555 Human Bly
250	601	93.9	249	5	ABP44542	Abp44542 Human Bly	323	599	93.6	249	5	ABP44420	Abp44420 Human Bly
251	601	93.9	249	5	ABP44730	Abp44730 Human Bly	324	599	93.6	249	5	ABP44481	Abp44481 Human Bly
252	601	93.9	249	5	ABP44727	Abp44727 Human Bly	325	599	93.6	249	5	ABP44570	Abp44570 Human Bly
253	601	93.9	249	5	ABP44683	Abp44683 Human Bly	326	599	93.6	249	5	ABP44392	Abp44392 Human Bly
254	601	93.9	249	5	ABP44421	Abp44421 Human Bly	327	599	93.6	249	5	ABP44424	Abp44424 Human Bly
255	601	93.9	249	5	ABP44472	Abp44472 Human Bly	328	599	93.6	249	5	ABP44746	Abp44746 Human Bly
256	601	93.9	249	5	ABP44668	Abp44668 Human Bly	329	599	93.6	249	5	ABP44757	Abp44757 Human Bly
257	601	93.9	249	5	ABP44666	Abp44666 Human Bly	330	599	93.6	249	5	ABP44342	Abp44342 Human Bly
258	601	93.9	249	5	ABP44791	Abp44791 Human Bly	331	599	93.6	249	5	ABP44582	Abp44582 Human Bly
259	600.5	93.8	248	5	ABP44586	Abp44586 Human Bly	332	598.5	93.5	248	5	ABP44336	Abp44336 Human Bly
260	600	93.8	249	5	ABP44660	Abp44660 Human Bly	333	598	93.4	249	5	ABP44462	Abp44462 Human Bly
261	600	93.8	249	5	ABP44756	Abp44756 Human Bly	334	598	93.4	249	5	ABP44327	Abp44327 Human Bly
262	600	93.8	249	5	ABP44387	Abp44387 Human Bly	335	598	93.4	249	5	ABP44376	Abp44376 Human Bly
263	600	93.8	249	5	ABP44482	Abp44482 Human Bly	336	598	93.4	249	5	ABP44411	Abp44411 Human Bly
264	600	93.8	249	5	ABP44755	Abp44755 Human Bly	337	598	93.4	249	5	ABP44753	Abp44753 Human Bly
265	600	93.8	249	5	ABP44492	Abp44492 Human Bly	338	598	93.4	249	5	ABP44504	Abp44504 Human Bly
266	600	93.8	249	5	ABP44642	Abp44642 Human Bly	339	598	93.4	249	5	ABP44589	Abp44589 Human Bly
267	600	93.8	249	5	ABP44377	Abp44377 Human Bly	340	598	93.4	249	5	ABP44650	Abp44650 Human Bly
268	600	93.8	249	5	ABP44419	Abp44419 Human Bly	341	598	93.4	249	5	ABP44514	Abp44514 Human Bly
269	600	93.8	249	5	ABP44520	Abp44520 Human Bly	342	598	93.4	249	5	ABP44540	Abp44540 Human Bly
270	600	93.8	249	5	ABP44689	Abp44689 Human Bly	343	598	93.4	249	5	ABP44606	Abp44606 Human Bly
271	600	93.8	249	5	ABP44423	Abp44423 Human Bly	344	598	93.4	249	5	ABP44385	Abp44385 Human Bly
272	600	93.8	249	5	ABP44441	Abp44441 Human Bly	345	598	93.4	249	5	ABP44439	Abp44439 Human Bly
273	600	93.8	249	5	ABP44390	Abp44390 Human Bly	346	598	93.4	249	5	ABP44628	Abp44628 Human Bly
274	600	93.8	249	5	ABP44494	Abp44494 Human Bly	347	598	93.4	249	5	ABP44616	Abp44616 Human Bly
275	600	93.8	249	5	ABP44512	Abp44512 Human Bly	348	598	93.4	249	5	ABP44637	Abp44637 Human Bly
276	600	93.8	249	5	ABP44391	Abp44391 Human Bly	349	598	93.4	249	5	ABP44454	Abp44454 Human Bly
277	600	93.8	249	5	ABP44489	Abp44489 Human Bly	350	598	93.4	249	5	ABP44592	Abp44592 Human Bly
278	600	93.8	249	5	ABP44518	Abp44518 Human Bly	351	598	93.4	249	5	ABP44773	Abp44773 Human Bly
279	600	93.8	249	5	ABP44568	Abp44568 Human Bly	352	598	93.4	249	5	ABP44320	Abp44320 Human Bly
280	600	93.8	249	5	ABP44584	Abp44584 Human Bly	353	598	93.4	249	5	ABP44368	Abp44368 Human Bly
281	600	93.8	249	5	ABP44645	Abp44645 Human Bly	354	598	93.4	249	5	ABP44464	Abp44464 Human Bly
282	600	93.8	249	5	ABP44431	Abp44431 Human Bly	355	598	93.4	249	5	ABP44547	Abp44547 Human Bly
283	600	93.8	249	5	ABP44627	Abp44627 Human Bly	356	598	93.4	249	5	ABP44564	Abp44564 Human Bly
284	600	93.8	249	5	ABP44679	Abp44679 Human Bly	357	598	93.4	249	5	ABP44598	Abp44598 Human Bly
285	600	93.8	249	5	ABP44394	Abp44394 Human Bly	358	598	93.4	249	5	ABP44610	Abp44610 Human Bly
286	600	93.8	249	5	ABP44536	Abp44536 Human Bly	359	598	93.4	249	5	ABP44795	Abp44795 Human Bly
287	600	93.8	249	5	ABP44704	Abp44704 Human Bly	360	598	93.4	249	5	ABP44363	Abp44363 Human Bly
288	600	93.8	249	5	ABP44678	Abp44678 Human Bly	361	598	93.4	249	5	ABP44443	Abp44443 Human Bly
289	600	93.8	249	5	ABP44788	Abp44788 Human Bly	362	598	93.4	249	5	ABP44405	Abp44405 Human Bly
290	600	93.8	249	5	ABP44324	Abp44324 Human Bly	363	598	93.4	249	5	ABP44331	Abp44331 Human Bly
291	600	93.8	249	5	ABP44623	Abp44623 Human Bly	364	598	93.4	249	5	ABP44369	Abp44369 Human Bly
292	600	93.8	249	5	ABP44811	Abp44811 Human Bly	365	598	93.4	249	5	ABP44456	Abp44456 Human Bly
293	600	93.8	249	5	ABP44676	Abp44676 Human Bly	366	598	93.4	249	5	ABP44532	Abp44532 Human Bly
294	599.5	93.7	248	5	ABP44473	Abp44473 Human Bly	367	598	93.4	249	5	ABP44490	Abp44490 Human Bly
295	599.5	93.7	248	5	ABP44343	Abp44343 Human Bly	368	598	93.4	249	5	ABP44576	Abp44576 Human Bly
296	599.5	93.7	248	5	ABP44383	Abp44383 Human Bly	369	598	93.4	249	5	ABP44707	Abp44707 Human Bly
297	599	93.6	249	5	ABP44548	Abp44548 Human Bly	370	598	93.4	249	5	ABP44334	Abp44334 Human Bly
298	599	93.6	249	5	ABP44452	Abp44452 Human Bly	371	598	93.4	249	5	ABP44510	Abp44510 Human Bly
299	599	93.6	249	5	ABP44389	Abp44389 Human Bly	372	598	93.4	249	5	ABP44577	Abp44577 Human Bly
300	599	93.6	249	5	ABP44743	Abp44743 Human Bly	373	597	93.3	249	5	ABP44701	Abp44701 Human Bly
301	599	93.6	249	5	ABP44470	Abp44470 Human Bly	374	597	93.3	249	5	ABP444526	Abp444526 Human Bly
302	599	93.6	249	5	ABP44486	Abp44486 Human Bly	375	597	93.3	249	5	ABP44553	Abp44553 Human Bly
303	599	93.6	249	5	ABP44761	Abp44761 Human Bly	376	597	93.3	249	5	ABP44665	Abp44665 Human Bly
304	599	93.6	249	5	ABP44367	Abp44367 Human Bly	377	597	93.3	249	5	ABP44488	Abp44488 Human Bly
305	599	93.6	249	5	ABP44400	Abp44400 Human Bly	378	597	93.3	249	5	ABP44603	Abp44603 Human Bly
306	599	93.6	249	5	ABP44618	Abp44618 Human Bly	379	597	93.3	249	5	ABP44619	Abp44619 Human Bly
307	599	93.6	249	5	ABP44691	Abp44691 Human Bly	380	597	93.3	249	5	ABP44721	Abp44721 Human Bly
308	599	93.6	249	5	ABP44430	Abp44430 Human Bly	381	597	93.3	249	5	ABP44426	Abp44426 Human Bly
309	599	93.6	249	5	ABP44538	Abp44538 Human Bly	382	597	93.3	249	5	ABP44559	Abp44559 Human Bly
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Search completed: September 10, 2004, 10:26:41
 Job time : 77.4872 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 10, 2004, 10:22:05 ; Search time 63.0769 Seconds

(without alignments)
625.345 Million cell updates/sec

Title: US-09-880-748-2_COPY_1_123

Perfect score: 640
Sequence: 1 QVQLQSGAEVKKRSGSVRV.....LFRHYGMVGRGRTVTSS 123

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1335176 seqs, 320689617 residues

Total number of hits satisfying chosen parameters: 1036

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 84%

Maximum Match 100%

Listing first 65000 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	640	100.0	246	12	US-10-293-418-928
3	640	100.0	249	10	US-09-880-748-2
4	640	100.0	249	10	US-09-880-748-471
5	640	100.0	249	10	US-09-880-748-479
6	640	100.0	249	10	US-09-880-748-618
7	640	100.0	249	10	US-09-880-748-719
8	640	100.0	249	10	US-09-880-748-796
9	640	100.0	249	12	US-10-293-418-2
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17	637	99.5	246	12	US-10-293-418-1426	Sequence 1426, App
18	637	99.5	246	12	US-10-293-418-1781	Sequence 1781, App
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20	637	99.5	249	10	US-10-293-418-613	Sequence 613, App
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22	634	99.1	249	10	US-09-880-748-1748	Sequence 1748, App
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258	608	95.0	249	12	US-10-293-418-758	Sequence 758, App	331	605	94.5	249	10	US-09-880-748-428	Sequence 428, App
259	607	94.8	249	10	US-09-880-748-363	Sequence 363, App	332	605	94.5	249	10	US-09-880-748-444	Sequence 444, App
260	607	94.8	249	10	US-09-880-748-367	Sequence 367, App	333	605	94.5	249	10	US-09-880-748-539	Sequence 539, App
261	607	94.8	249	10	US-09-880-748-371	Sequence 371, App	334	605	94.5	249	10	US-09-880-748-550	Sequence 550, App
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434	602	94.1	249	10	US-09-880-748-711	Sequence 711, App	507	601	93.9	249	12	US-10-293-418-636	Sequence 636, App
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